

Java

Java

- Java is a high-level programming language.
- Originally developed by Sun Microsystems and released in 1995.
- Java runs on a variety of platforms, such as Windows, Mac OS, and the various versions of UNIX.

The background features a stylized landscape with green rolling hills at the bottom, a white path or clearing in the middle, and a blue sky with white clouds at the top. A small, whimsical tree with a dark brown trunk and branches is positioned on the left side of the path. Its leaves are large, rounded, and colored in shades of purple and pink.

History of Java

History of Java

- James Gosling, Mike Sheridan, and Patrick Naughton initiated the Java language project in June 1991.
- The small team of sun engineers called Green Team.
- Originally designed for small, embedded systems in electronic appliances like set-top boxes.
- Firstly, it was called "Greentalk" by James Gosling and file extension was .gt.
- After that, it was called Oak and was developed as a part of the Green project.

Why "Oak" name

- Oak is a symbol of strength and chosen as a national tree of many countries like U.S.A., France, Germany, Romania etc.
- In 1995, Oak was renamed as "Java" because it was already a trademark by Oak Technologies.



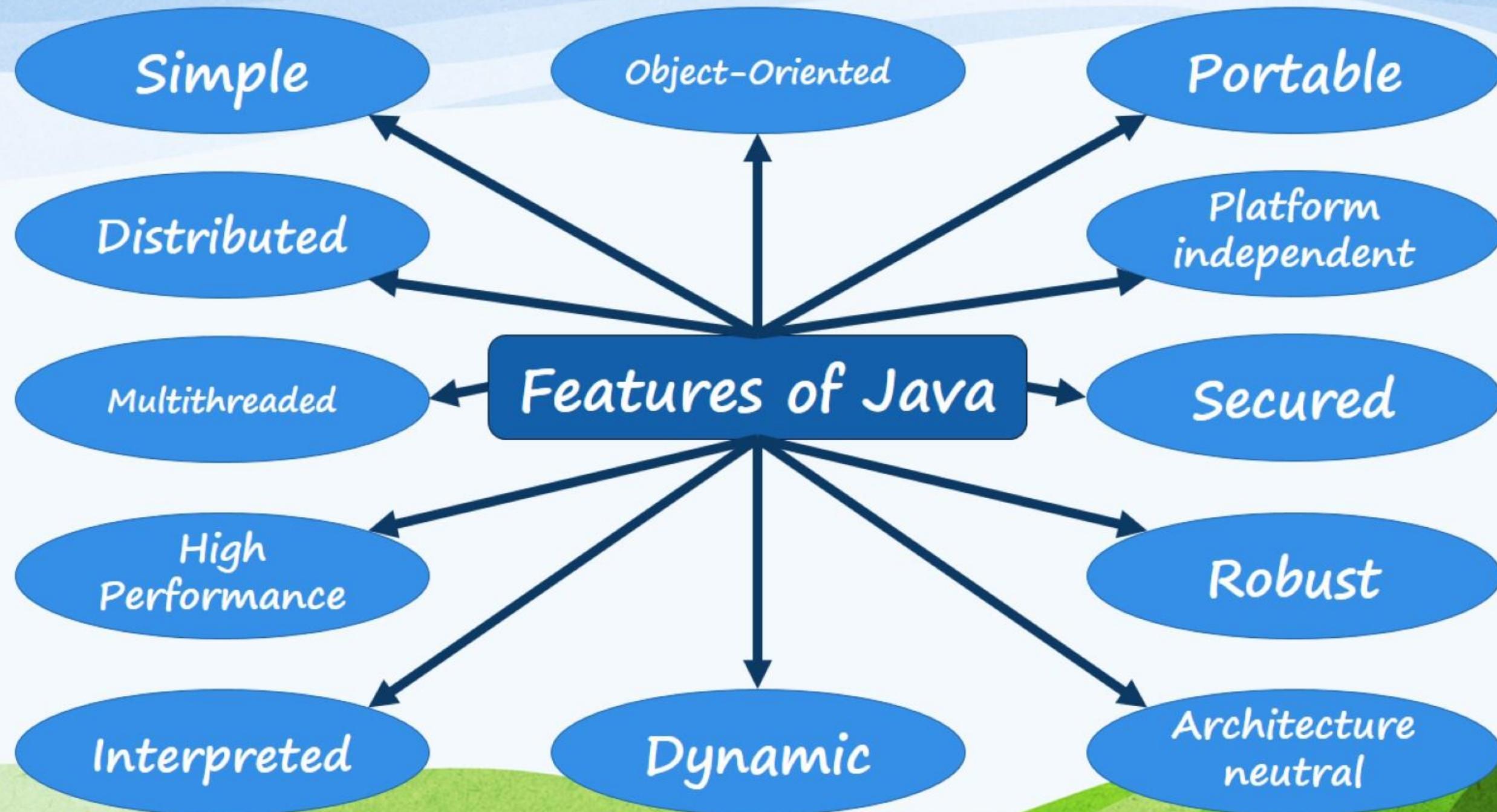
Why "Java" name

- The team gathered to choose a new name. The suggested words were "dynamic", "revolutionary", "Silk", "jolt", "DNA" etc.
- According to James Gosling "Java was one of the top choices along with Silk". Since java was so unique, most of the team members preferred java.
- Java is an island of Indonesia where first coffee was produced (called java coffee).



The background features a stylized landscape with green rolling hills at the bottom, a white path or clearing in the middle, and a blue sky with white clouds at the top. A small, whimsical tree with a brown trunk and branches is positioned on the left side of the path. Its leaves are large, rounded, and colored in shades of purple, pink, and dark purple.

Features of Java



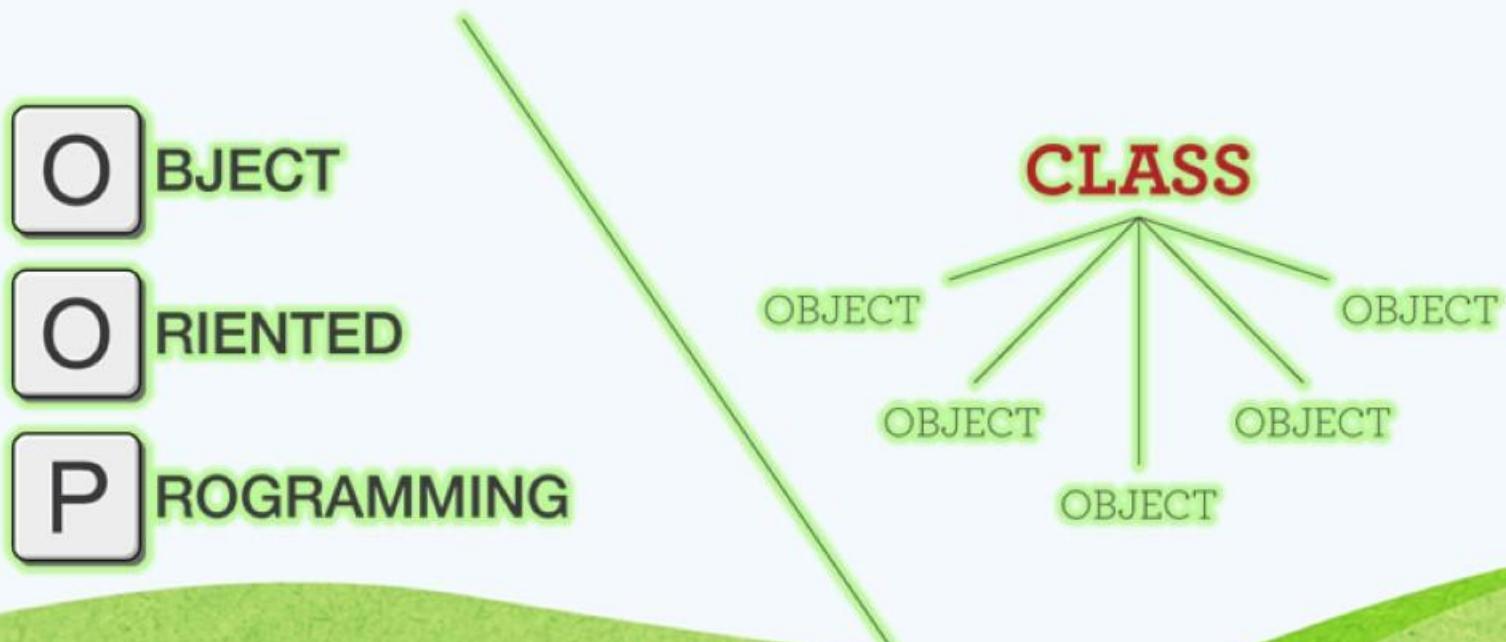
Simple

- According to Sun, Java language is simple because:
- Syntax is based on C++ (so easier for programmers to learn it after C++).
- Java is designed to be easy to learn.



Object-oriented

- In Java, everything is an Object. Java can be easily extended since it is based on the Object model.



Portable

- We may carry the java bytecode to any platform.



Platform Independent

- There are two types of platforms software-based and hardware-based.
- Java provides software-based platform.



Secured

- With Java's secure feature it enables to develop virus-free, tamper-free systems.



Robust

- Robust simply means strong.
- Java uses strong memory management.
- There is exception handling and type checking mechanism in java.
- Java makes an effort to eliminate error prone situations by emphasizing mainly on compile time error checking and runtime checking.



Architecture-neutral

- Java compiler generates an architecture-neutral object file format, which makes the compiled code executable on many processors, with the presence of Java runtime system.



Dynamic

- Java is considered to be more dynamic than C or C++ since it is designed to adapt to an evolving environment.
- Java programs can carry extensive amount of run-time information that can be used to verify and resolve accesses to objects on run-time.



Interpreted

- The development process is more rapid and analytical since the linking is an incremental and light-weight process.



High Performance

- With the use of Just-In-Time compilers, Java enables high performance.



Multi-threaded

- With Java's multithreaded feature it is possible to write programs that can perform many tasks simultaneously.
- This design feature allows the developers to construct interactive applications that can run smoothly.



Distributed

- Java is designed for the distributed environment of the internet.



Tools required to run Java Program

- *JDK*
- *Eclipse*



Difference between JDK JRE and JVM

JDK

- Java Development Kit is the core component of Java Environment and provides all the tools, executable and binaries required to compile, debug and execute a Java Program.
- JDK is a platform specific software and that's why we have separate installers for Windows, Mac and Unix systems.

JVM

- JVM is the heart of java programming language.
- When we run a program, JVM is responsible to converting Byte code to the machine specific code.
- JVM is also platform dependent and provides core java functions like memory management, garbage collection, security etc. JVM is customizable and we can use java options to customize it, for example allocating minimum and maximum memory to JVM.
- JVM is called virtual because it provides a interface that does not depend on the underlying operating system and machine hardware.

JRE

- JRE is the implementation of JVM, it provides platform to execute java programs.
- JRE consists of JVM and java binaries and other classes to execute any program successfully.
- JRE doesn't contain any development tools like java compiler, debugger etc.

JDK vs. JRE vs. JVM

- JDK is for development purpose whereas JRE is for running the java programs.
- JDK and JRE both contains JVM so that we can run our java program.
- JVM is the heart of java programming language and provides platform independence.

A decorative illustration in the bottom left corner features a small, whimsical tree with a dark brown trunk and branches. The tree's canopy consists of several large, rounded leaves in shades of purple and pink. It stands on a gentle green hill. In front of the tree, there is a small cluster of three rounded shapes in orange, yellow, and brown. The background behind the tree is a light blue sky with soft, horizontal white clouds.

Installation of JDK

Java SE - Downloads | Oracle

www.oracle.com/technetwork/java/javase/downloads/index.html

ORACLE Menu Search Sign In Country Call

Oracle Technology Network > Java > Java SE > Downloads

Java SE Overview Downloads Documentation Community Technologies Training Java SDKs and Tools

*Open:
http://www.oracle.com/technetwork/java/javase/downloads/index.html
Then Click On JDK Download Link*

assfish

control

sources

Java TV
How to Java
Community
Java Magazine

Java Platform (JDK) 8u144 NetBeans with JDK 8

Java Platform, Standard Edition

Java SE 8u144
Java SE 8u144 includes important bug fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release.
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JDK DOWNLOAD

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[Java SE Support](#)[Overview](#) [Downloads](#) [Documentation](#) [Community](#) [Technologies](#) [Training](#)**Java SDKs and Tools**[Java SE](#)
[Java EE and Glassfish](#)
[Java ME](#)Accept License Agreement and choose Windows x86

Java Magazine

JDK 8u144 checksum

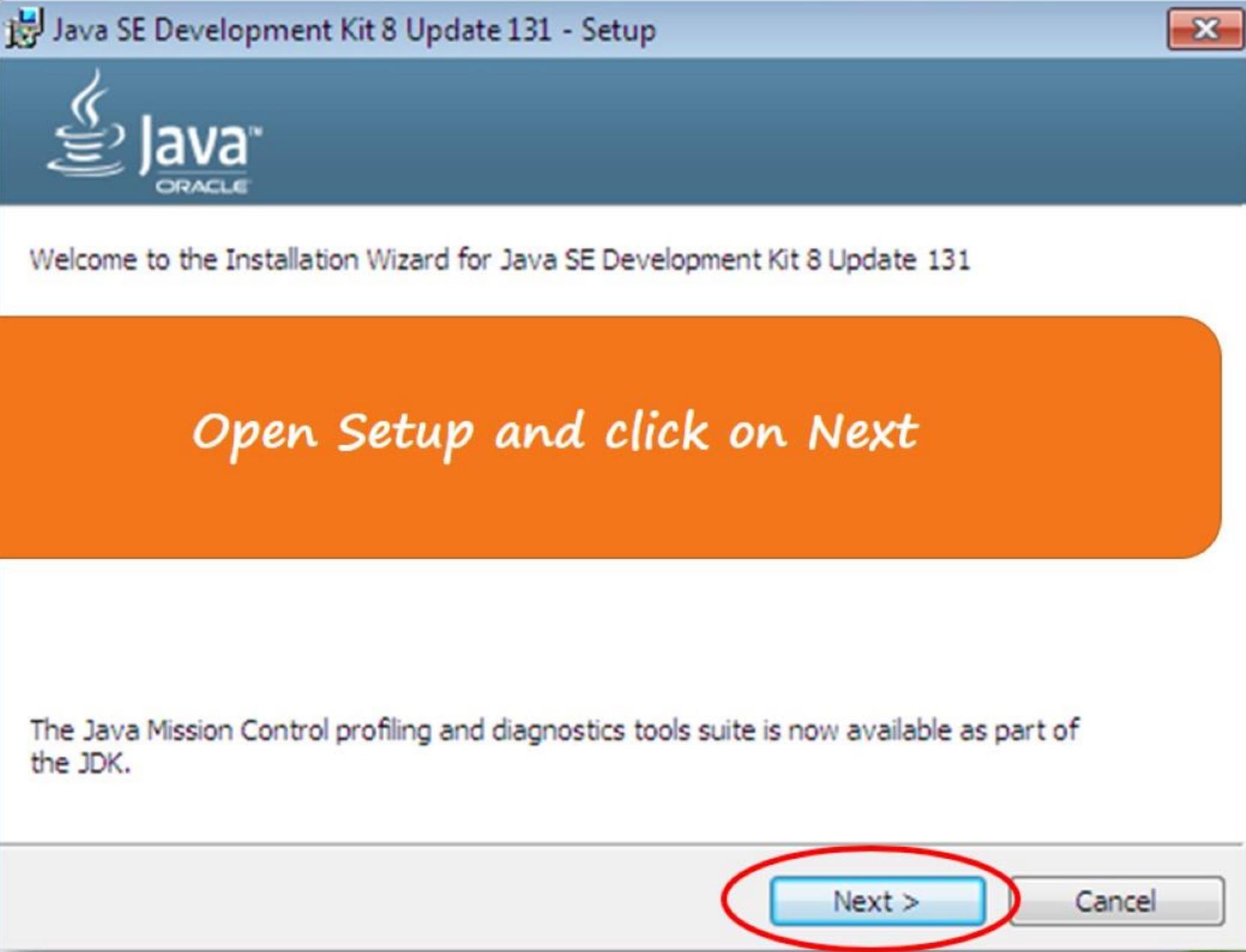
Java SE Development Kit 8u144

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

 Accept License Agreement Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.89 MB	jdk-8u144-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.83 MB	jdk-8u144-linux-arm64-vfp-hflt.tar.gz
Linux x86	164.65 MB	jdk-8u144-linux-i586.rpm
Linux x86	179.44 MB	jdk-8u144-linux-i586.tar.gz
Linux x64	162.1 MB	jdk-8u144-linux-x64.rpm
Linux x64	176.92 MB	jdk-8u144-linux-x64.tar.gz
Mac OS X	226.6 MB	jdk-8u144-macosx-x64.dmg
Solaris SPARC 64-bit	139.87 MB	jdk-8u144-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.18 MB	jdk-8u144-solaris-sparcv9.tar.gz
Solaris x64	140.51 MB	jdk-8u144-solaris-x64.tar.Z
Solaris x64	96.99 MB	jdk-8u144-solaris-x64.tar.gz
Windows x86	190.94 MB	jdk-8u144-windows-i586.exe
Windows x64	197.78 MB	jdk-8u144-windows-x64.exe

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[Java.net](#)
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[Tutorials](#)
[Java.com](#)



The Java Mission Control profiling and diagnostics tools suite is now available as part of the JDK.

Next >

Cancel



Java SE Development Kit 8 Update 131 - Complete



Java SE Development Kit 8 Update 131 Successfully Installed

JDK Installation Done

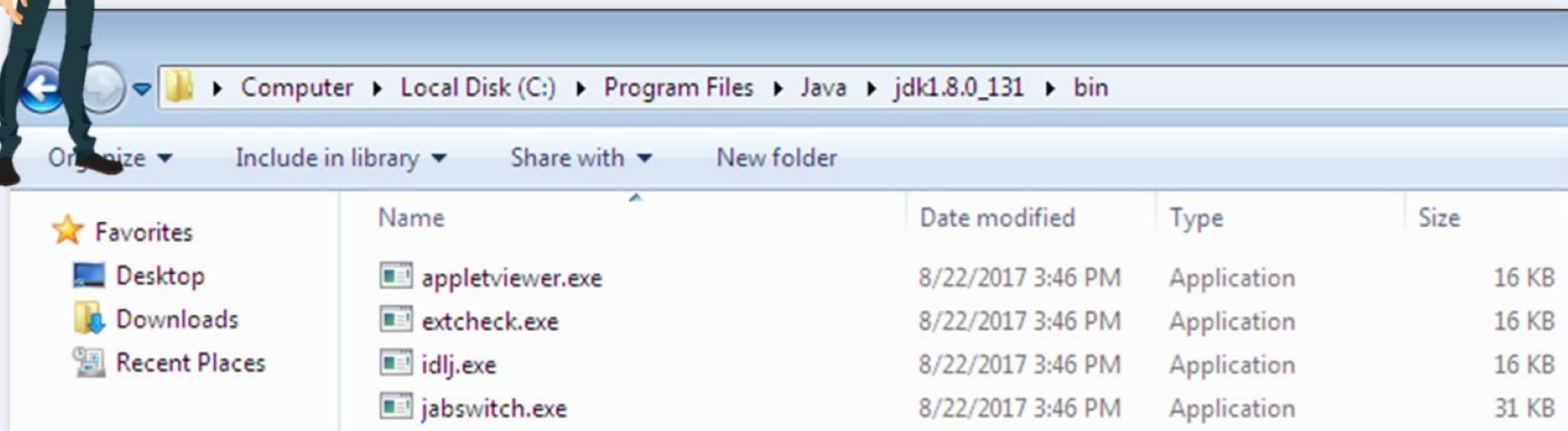
and more to help you get started with the JDK.

[Next Steps](#)

[Close](#)



The path where your JDK installed



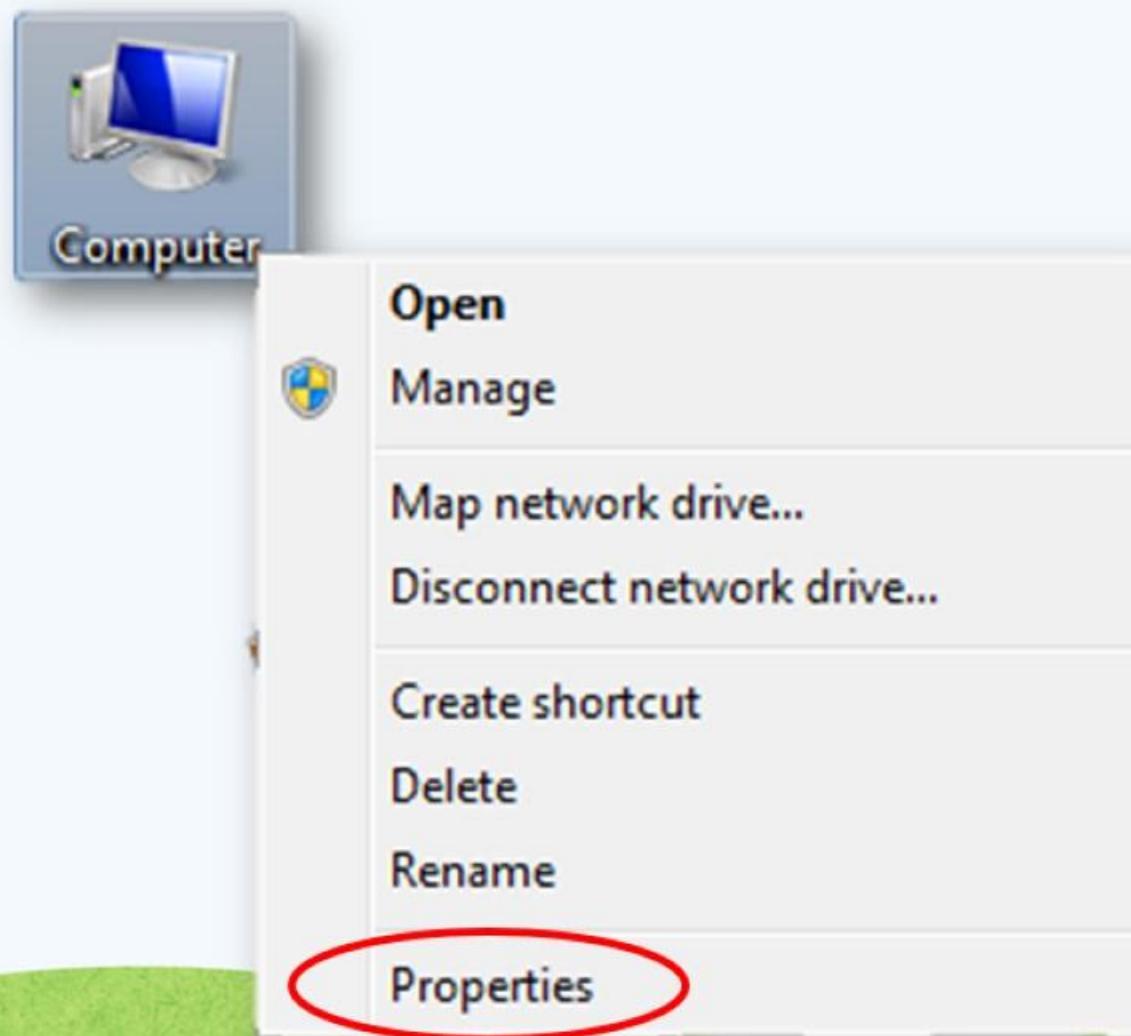
A screenshot of a Windows File Explorer window. The address bar shows the path: Computer > Local Disk (C:) > Program Files > Java > jdk1.8.0_131 > bin. The main area displays a list of files in the 'bin' directory of a Java JDK installation. The columns are Name, Date modified, Type, and Size. The files listed are appletviewer.exe, extcheck.exe, idlj.exe, and jabswitch.exe, all of which are application files (Application) and were modified on 8/22/2017 at 3:46 PM. The file sizes are 16 KB for each of the first three, and 31 KB for jabswitch.exe.

Favorites	Name	Date modified	Type	Size
Desktop	appletviewer.exe	8/22/2017 3:46 PM	Application	16 KB
Downloads	extcheck.exe	8/22/2017 3:46 PM	Application	16 KB
Recent Places	idlj.exe	8/22/2017 3:46 PM	Application	16 KB
	jabswitch.exe	8/22/2017 3:46 PM	Application	31 KB

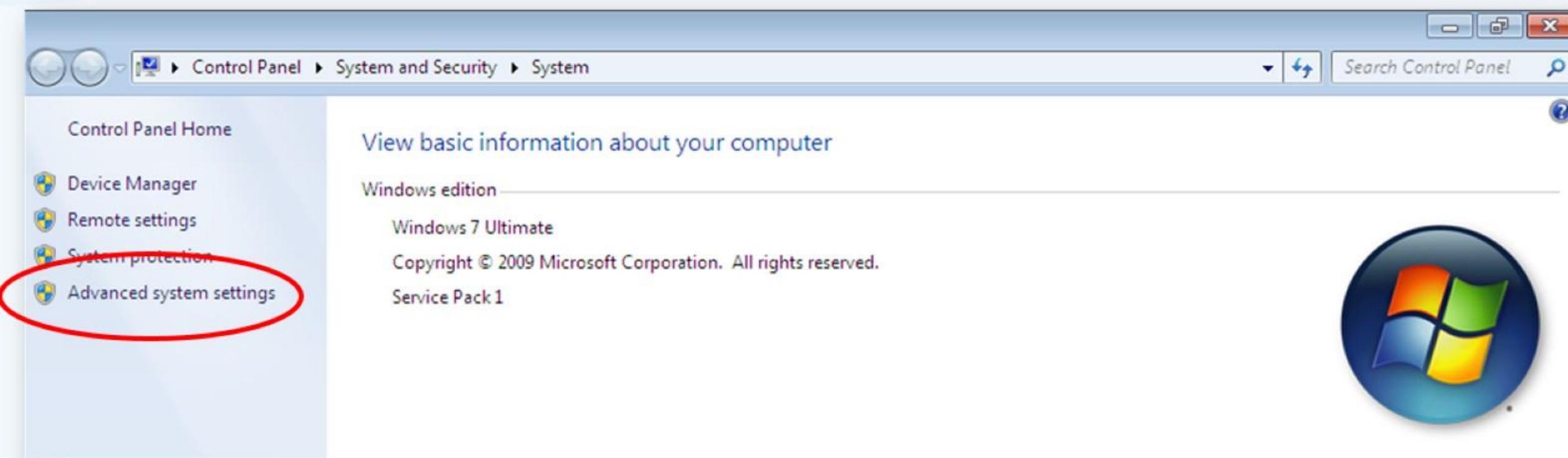


Setup Environment Variables

Open your Computer Properties



Open Advance System settings



System Properties

Computer Name Hardware Advanced System Protection Remote

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

Settings...

User Profiles

Desktop settings related to your logon

Settings...

Startup and Recovery

System startup, system failure, and debugging information

Settings...

Environment Variables...

OK

Cancel

Apply

Environment Variables



User variables for PPT

Variable	Value
PATHEXT	%PATHEXT%;.RB;.RBW
TEMP	%USERPROFILE%\AppData\Local\Temp
TMP	%USERPROFILE%\AppData\Local\Temp

New...

Edit...

Delete

System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
FP_NO_HOST_C...	NO
NUMBER_OF_P...	4
OS	Windows_NT

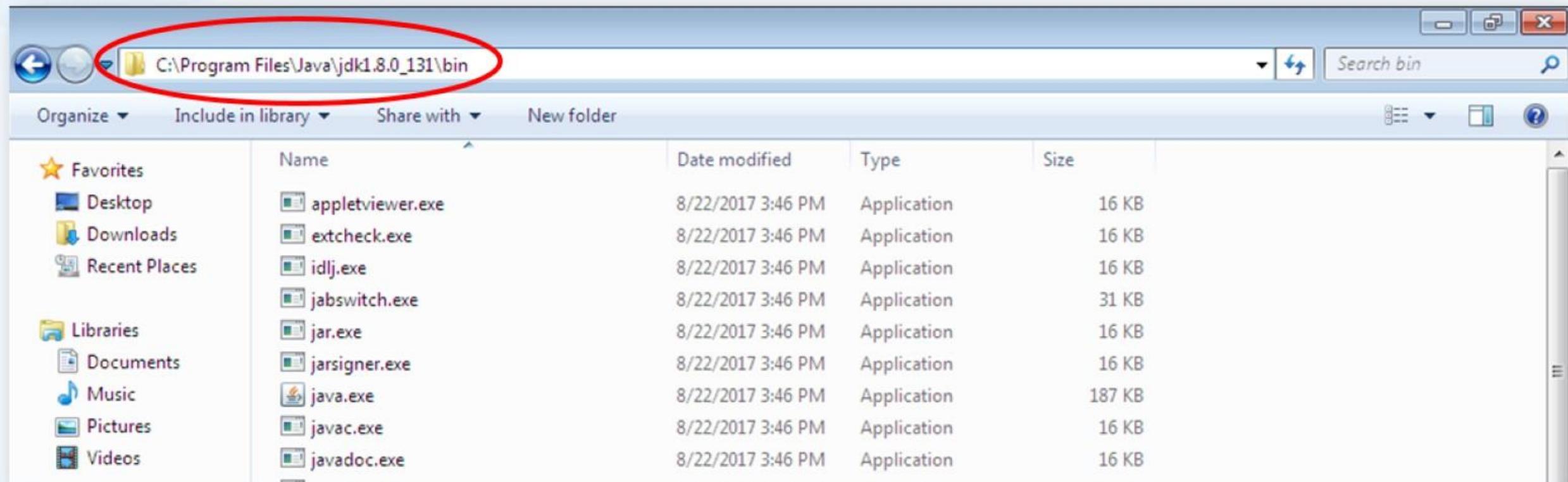
New...

Edit...

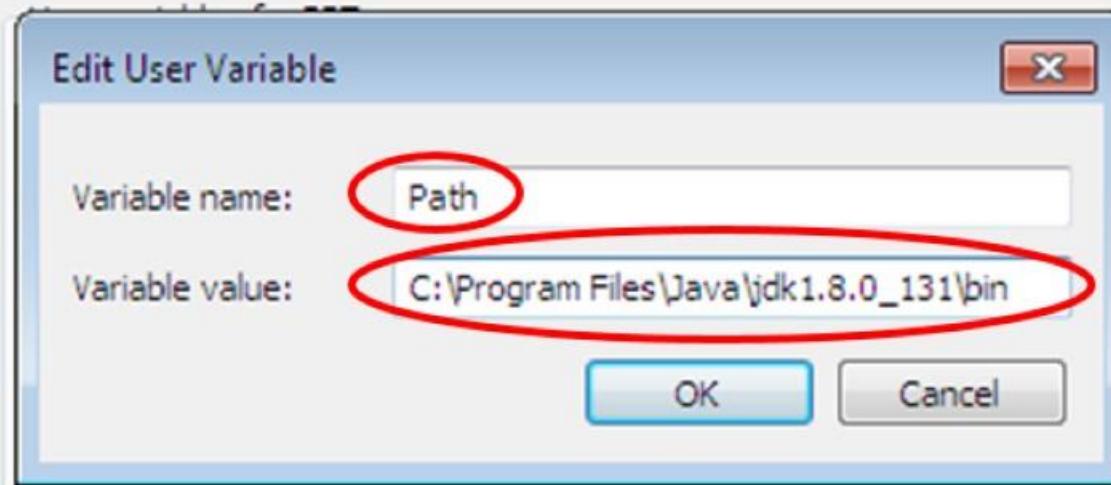
Delete

OK

Cancel



Environment Variables



System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
FP_NO_HOST_C...	NO
NUMBER_OF_P...	4
OS	Windows_NT

New...

Edit...

Delete

OK

Cancel

Environment Variables



User variables for PPT

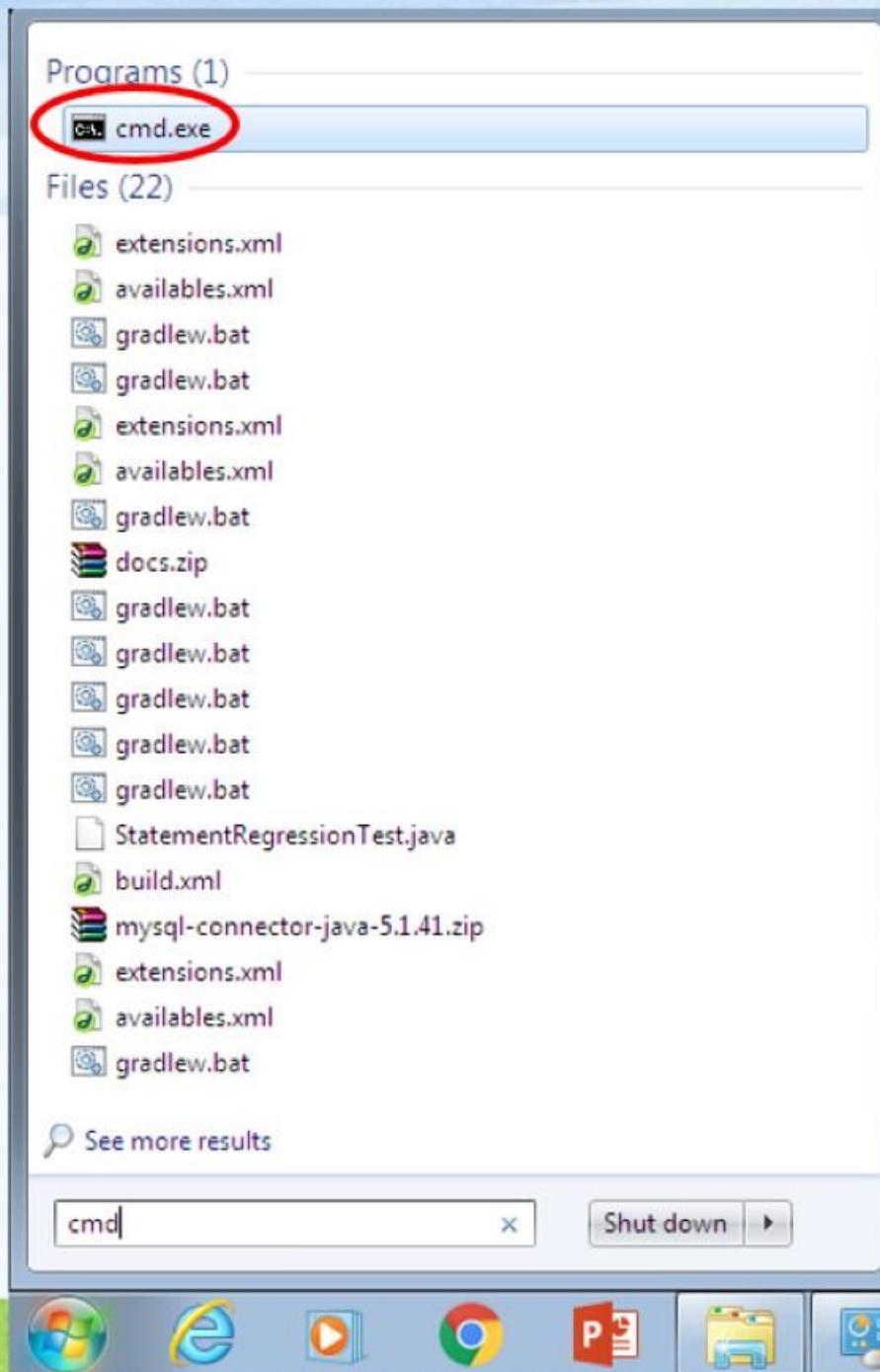
Variable	Value
Path	C:\Program Files\Java\jdk1.8.0_131\bin
PATHEXT	%PATHEXT%;.RB;.RBW
TEMP	%USERPROFILE%\AppData\Local\Temp
TMP	%USERPROFILE%\AppData\Local\Temp

New...Edit...Delete

System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
FP_NO_HOST_C...	NO
NUMBER_OF_P...	4
OS	Windows_NT

New...Edit...Delete



C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\PPT>

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]

Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\PPT>cd\



*Write cd\
Cd is for change directory*

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]

Copyright <c> 2009 Microsoft Corporation. All rights reserved.

C:\Users\PPT>cd\

C:>

C:\Windows\system32\cmd.exe - javac

Microsoft Windows [Version 6.1.7601]

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C:\Users\PPT>cd\

C:\>javac

Type javac
Javac stands for java compiler



C:\Windows\system32\cmd.exe

```
C:\>javac
Usage: javac <options> <source files>
where possible options include:
  -g                           Generate all debugging info
  -g:none                      Generate no debugging info
  -g:{lines,vars,source}        Generate only some debugging info
  -nowarn                      Generate no warnings
  -verbose                     Output messages about what the compiler is doing
  -deprecation                 Output source locations where deprecated APIs are u
sed
  -classpath <path>            Specify where to find user class files and annotati
on processors
  -cp <path>                   Specify where to find user class files and annotati
on processors
  -sourcepath <path>           Specify where to find input source files
  -bootclasspath <path>        Override location of bootstrap class files
  -extdirs <dirs>              Override location of installed extensions
  -endorseddirs <dirs>         Override location of endorsed standards path
  -proc:{none,only}             Control whether annotation processing and/or compil
ation is done.
  -processor <class1>[,<class2>,<class3>...] Names of the annotation processors
to run; bypasses default discovery process
  -processorpath <path>        Specify where to find annotation processors
  -parameters                  Generate metadata for reflection on method paramete
rs
  -d <directory>              Specify where to place generated class files
  -s <directory>              Specify where to place generated source files
  -h <directory>              Specify where to place generated native header file
  -s                         implicitly referenced files
  -implicit:{none,class}
  -encoding <encoding>         Specify character encoding used by source files
  -source <release>            Provide source compatibility with specified release
  -target <release>            Generate class files for specific VM version
  -profile <profile>           Check that API used is available in the specified p
rofile
  -version                     Version information
  -help                        Print a synopsis of standard options
  -Akey[=value]                Options to pass to annotation processors
  -X                          Print a synopsis of nonstandard options
  -J<flag>                    Pass <flag> directly to the runtime system
  -Werror                      Terminate compilation if warnings occur
  @<filename>                 Read options and filenames from file
```

C:\>

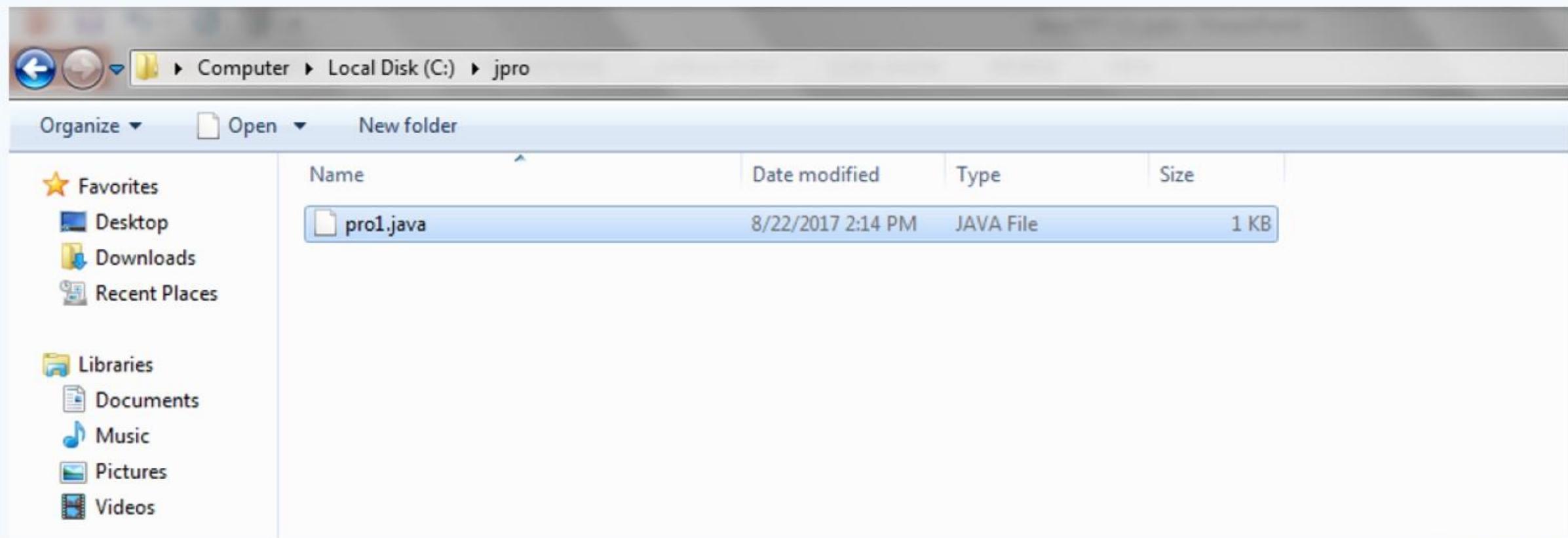


How to run java program

Write this basic print program in notepad
and save it as pro1.java

```
class print {  
  
    public static void main(String[] ar) {  
  
        System.out.println("Hello World");  
    }  
  
}
```

Make a folder jpro in C drive and save java file here



cmd C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]

Copyright <c> 2009 Microsoft Corporation. All rights reserved.

C:\Users\Piford>cd\

C:\>dir

Type dir
To see all directory



C:\> C:\Windows\system32\cmd.exe

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C:\Users\Piford>cd\

C:\>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\

06/11/2009 03:12 AM	24	autoexec.bat
06/11/2009 03:12 AM	10	config.sys
09/12/2016 11:10 AM		Intel
08/25/2017 12:39 PM		jpro
07/14/2009 08:07 AM		PerfLogs
08/18/2017 02:54 PM		Program Files
05/29/2017 04:38 PM		Python36-32
04/07/2017 01:57 PM		TurboC++
02/23/2017 10:12 AM		Users
08/19/2017 10:13 AM		Windows
04/19/2017 11:16 AM		xampp
2 File(s)	34 bytes	
9 Dir(s)	32,094,928,896 bytes free	

C:\>

C:\Windows\system32\cmd.exe

Copyright <c> 2009 Microsoft Corporation. All rights reserved.

C:\Users\Piford>cd\

C:\>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\

06/11/2009 03:12 AM	24	autoexec.bat
06/11/2009 03:12 AM	10	config.sys
09/12/2016 11:10 AM	<DIR>	Intel
08/25/2017 12:39 PM	<DIR>	jpro
07/14/2009 08:07 AM	<DIR>	PerfLogs
08/18/2017 02:54 PM	<DIR>	Program Files
05/29/2017 04:38 PM	<DIR>	Python36-32
04/07/2017 01:57 PM	<DIR>	TurboC++
02/23/2017 10:12 AM	<DIR>	Users
08/19/2017 10:13 AM	<DIR>	Windows
04/19/2017 11:16 AM	<DIR>	xampp
	2 File(s)	34 bytes
	9 Dir(s)	32,094,928,896 bytes free

C:\>cd jpro

C:\Windows\system32\cmd.exe

C:\>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\

06/11/2009 03:12 AM	24	autoexec.bat
06/11/2009 03:12 AM	10	config.sys
09/12/2016 11:10 AM	<DIR>	Intel
08/25/2017 12:39 PM	<DIR>	jpro
07/14/2009 08:07 AM	<DIR>	PerfLogs
08/18/2017 02:54 PM	<DIR>	Program Files
05/29/2017 04:38 PM	<DIR>	Python36-32
04/07/2017 01:57 PM	<DIR>	TurboC++
02/23/2017 10:12 AM	<DIR>	Users
08/19/2017 10:13 AM	<DIR>	Windows
04/19/2017 11:16 AM	<DIR>	xampp
	2 File(s)	34 bytes
	9 Dir(s)	32,094,928,896 bytes free

C:\>cd jpro

C:\jpro>

C:\jpro>dir

C:\Windows\system32\cmd.exe

```
08/18/2017  02:54 PM  <DIR>      Program Files
05/29/2017  04:38 PM  <DIR>      Python36-32
04/07/2017  01:57 PM  <DIR>      TurboC++
02/23/2017  10:12 AM  <DIR>      Users
08/19/2017  10:13 AM  <DIR>      Windows
04/19/2017  11:16 AM  <DIR>      xampp
              2 File(s)      34 bytes
              9 Dir(s)  32,094,928,896 bytes free
```

C:\>cd jpro

C:\jpro>

C:\jpro>dir
Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\jpro

```
08/25/2017  12:39 PM  <DIR>      .
08/25/2017  12:39 PM  <DIR>      .
08/22/2017  02:14 PM      108 pro1.java
              1 File(s)      108 bytes
              2 Dir(s)  32,138,674,176 bytes free
```

C:\jpro>_

C:\Windows\system32\cmd.exe

```
08/18/2017  02:54 PM    <DIR>      Program Files
05/29/2017  04:38 PM    <DIR>      Python36-32
04/07/2017  01:57 PM    <DIR>      TurboC++
02/23/2017  10:12 AM    <DIR>      Users
08/19/2017  10:13 AM    <DIR>      Windows
04/19/2017  11:16 AM    <DIR>      xampp
              2 File(s)          34 bytes
              9 Dir(s)  32,094,928,896 bytes free
```

C:\>cd jpro

C:\jpro>
C:\jpro>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\jpro

```
08/25/2017  12:39 PM    <DIR>      .
08/25/2017  12:39 PM    <DIR>      ..
08/22/2017  02:14 PM           108 pro1.java
              1 File(s)          108 bytes
              2 Dir(s)  32,138,674,176 bytes free
```

C:\jpro>javac pro1.java

The screenshot shows a Windows File Explorer window with the following details:

- Address Bar:** Computer > Local Disk (C:) > jpro
- Toolbar:** Organize, Open, New folder
- Favorites:** Desktop, Downloads, Recent Places
- Libraries:** (partially visible)
- File List:** A table showing two files:

Name	Date modified	Type	Size
print.class	8/25/2017 1:53 PM	CLASS File	1 KB
pro1.java	8/22/2017 2:14 PM	JAVA File	1 KB

A large orange callout bubble with a white border and a black shadow contains the text: "It take the java file and create a class file".

Name	Date modified	Type	Size
print.class	8/25/2017 1:53 PM	CLASS File	1 KB
pro1.java	8/22/2017 2:14 PM	JAVA File	1 KB



C:\Windows\system32\cmd.exe

Directory of C:\jpro

08/25/2017	12:39 PM	<DIR>	.
08/25/2017	12:39 PM	<DIR>	..
08/22/2017	02:14 PM		108 pro1.java
		1 File(s)	108 bytes
		2 Dir(s)	32,138,674,176 bytes free

C:\jpro>javac pro1.java

C:\jpro>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\jpro

08/25/2017	01:53 PM	<DIR>	.
08/25/2017	01:53 PM	<DIR>	..
08/25/2017	01:53 PM		414 print.class
08/22/2017	02:14 PM		108 pro1.java
		2 File(s)	522 bytes
		2 Dir(s)	32,109,686,784 bytes free

C:\jpro>

C:\Windows\system32\cmd.exe

Directory of C:\jpro

08/25/2017	12:39 PM	<DIR>	.
08/25/2017	12:39 PM	<DIR>	..
08/22/2017	02:14 PM		108 pro1.java
		1 File(s)	108 bytes
		2 Dir(s)	32,138,674,176 bytes free

C:\jpro>javac pro1.java

C:\jpro>dir

Volume in drive C has no label.
Volume Serial Number is F075-BF71

Directory of C:\jpro

08/25/2017	01:53 PM	<DIR>	.
08/25/2017	01:53 PM	<DIR>	..
08/25/2017	01:53 PM		414 print.class
08/22/2017	02:14 PM		108 pro1.java
		2 File(s)	522 bytes
		2 Dir(s)	32,109,686,784 bytes free

C:\jpro>java print_

c:\ C:\Windows\system32\cmd.exe

```
08/25/2017  12:39 PM    <DIR>      .
08/25/2017  12:39 PM    <DIR>      ..
08/22/2017  02:14 PM          108 pro1.java
                         1 File(s)   108 bytes
                         2 Dir(s)  32,138,674,176 bytes free
```

C:\jpro>javac pro1.java

```
C:\jpro>dir
Volume in drive C has no label.
Volume Serial Number is F075-BF71
```

Directory of C:\jpro

```
08/25/2017  01:53 PM    <DIR>      .
08/25/2017  01:53 PM    <DIR>      ..
08/25/2017  01:53 PM          414 print.class
08/22/2017  02:14 PM          108 pro1.java
                         2 File(s)   522 bytes
                         2 Dir(s)  32,109,686,784 bytes free
```

C:\jpro>java print
Hello World

C:\jpro>



Installation and run java
program in Eclipse

Installation

- There is no need to install Eclipse.
- You have to download Eclipse zip file and extract it.
- Click on the Eclipse icon and its ready to go.

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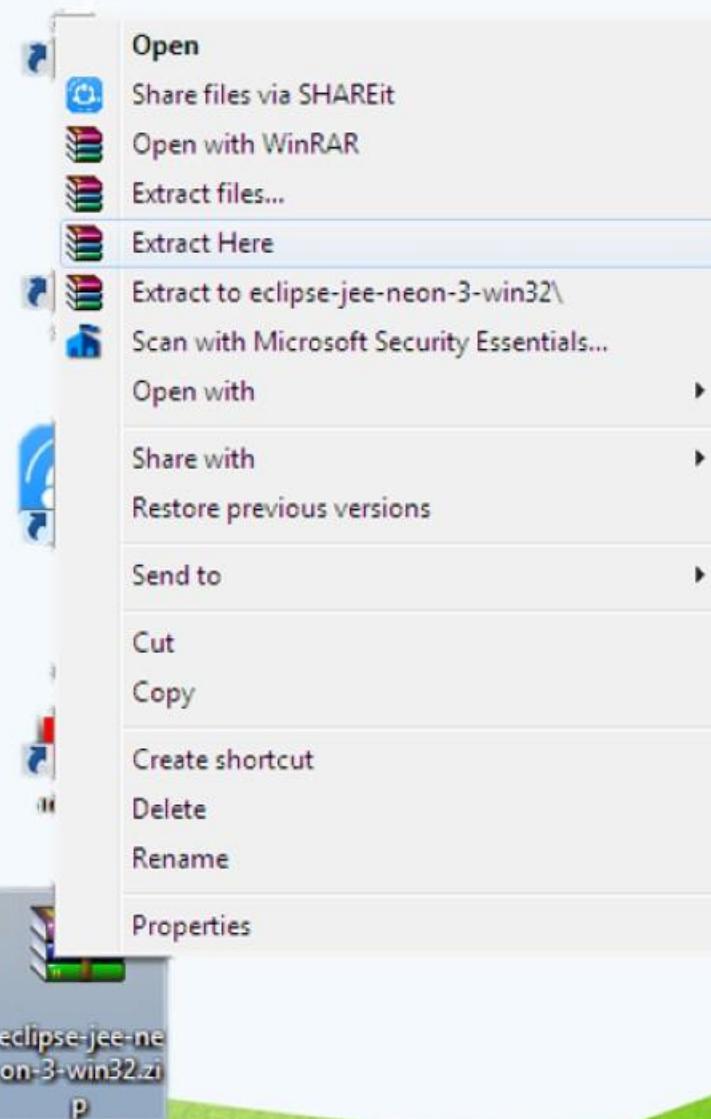


71 M



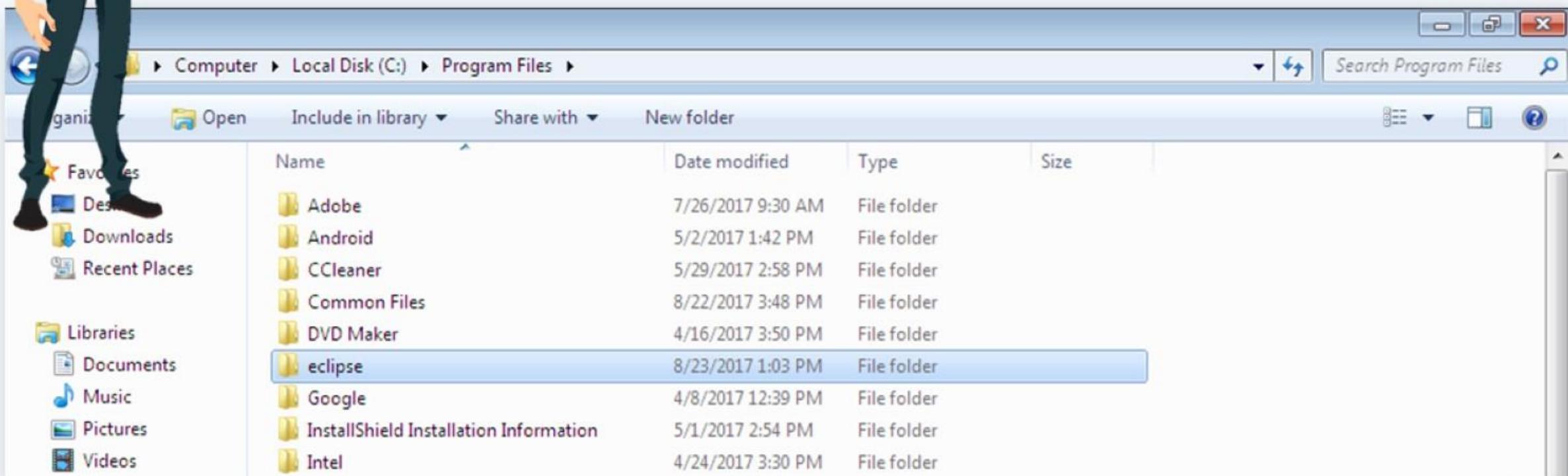
664

Extract Zip File





Place the extracted folder in Program Files

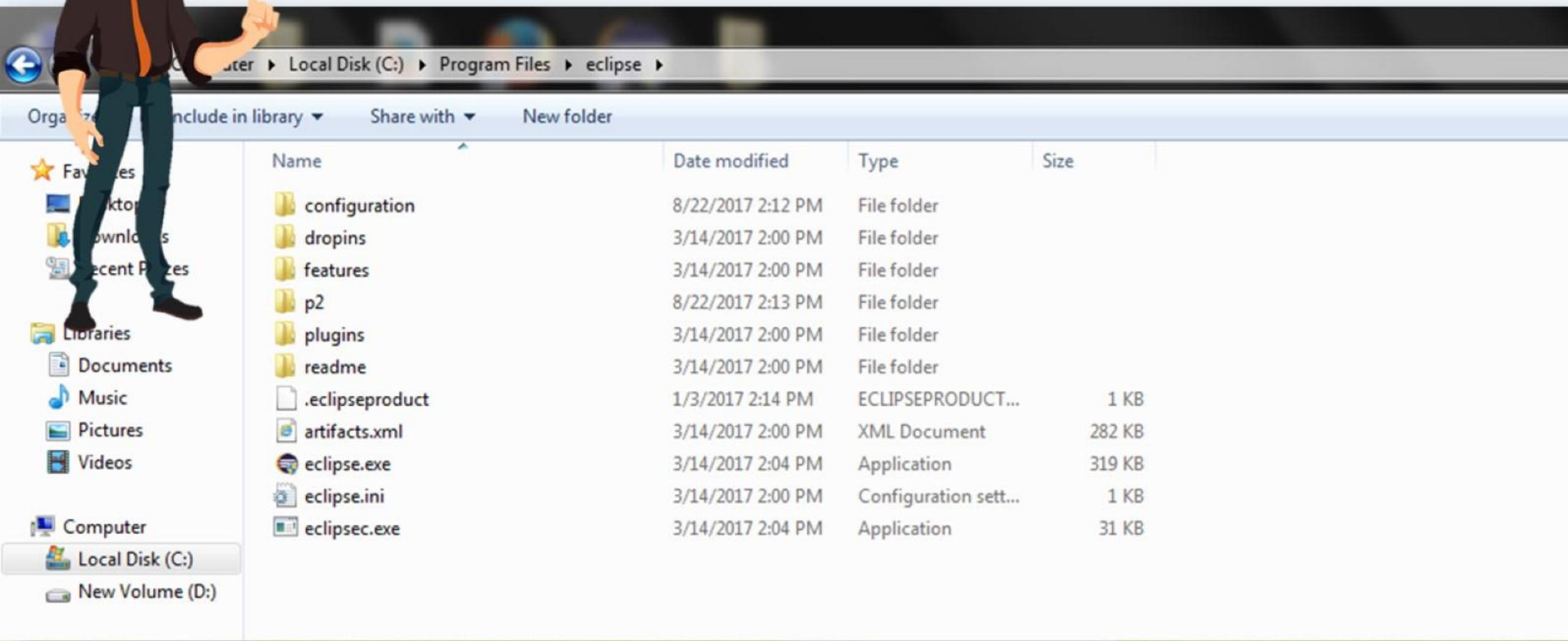


A screenshot of a Windows File Explorer window. The address bar shows the path: Computer > Local Disk (C:) > Program Files. The left sidebar includes links for Favorites (Desktop, Downloads), Recent Places, and Libraries (Documents, Music, Pictures, Videos). The main area displays a list of folders in the 'Program Files' directory, sorted by name. The folder 'eclipse' is highlighted with a blue selection bar. The columns in the table are Name, Date modified, Type, and Size.

Name	Date modified	Type	Size
Adobe	7/26/2017 9:30 AM	File folder	
Android	5/2/2017 1:42 PM	File folder	
CCleaner	5/29/2017 2:58 PM	File folder	
Common Files	8/22/2017 3:48 PM	File folder	
DVD Maker	4/16/2017 3:50 PM	File folder	
eclipse	8/23/2017 1:03 PM	File folder	
Google	4/8/2017 12:39 PM	File folder	
InstallShield Installation Information	5/1/2017 2:54 PM	File folder	
Intel	4/24/2017 3:30 PM	File folder	

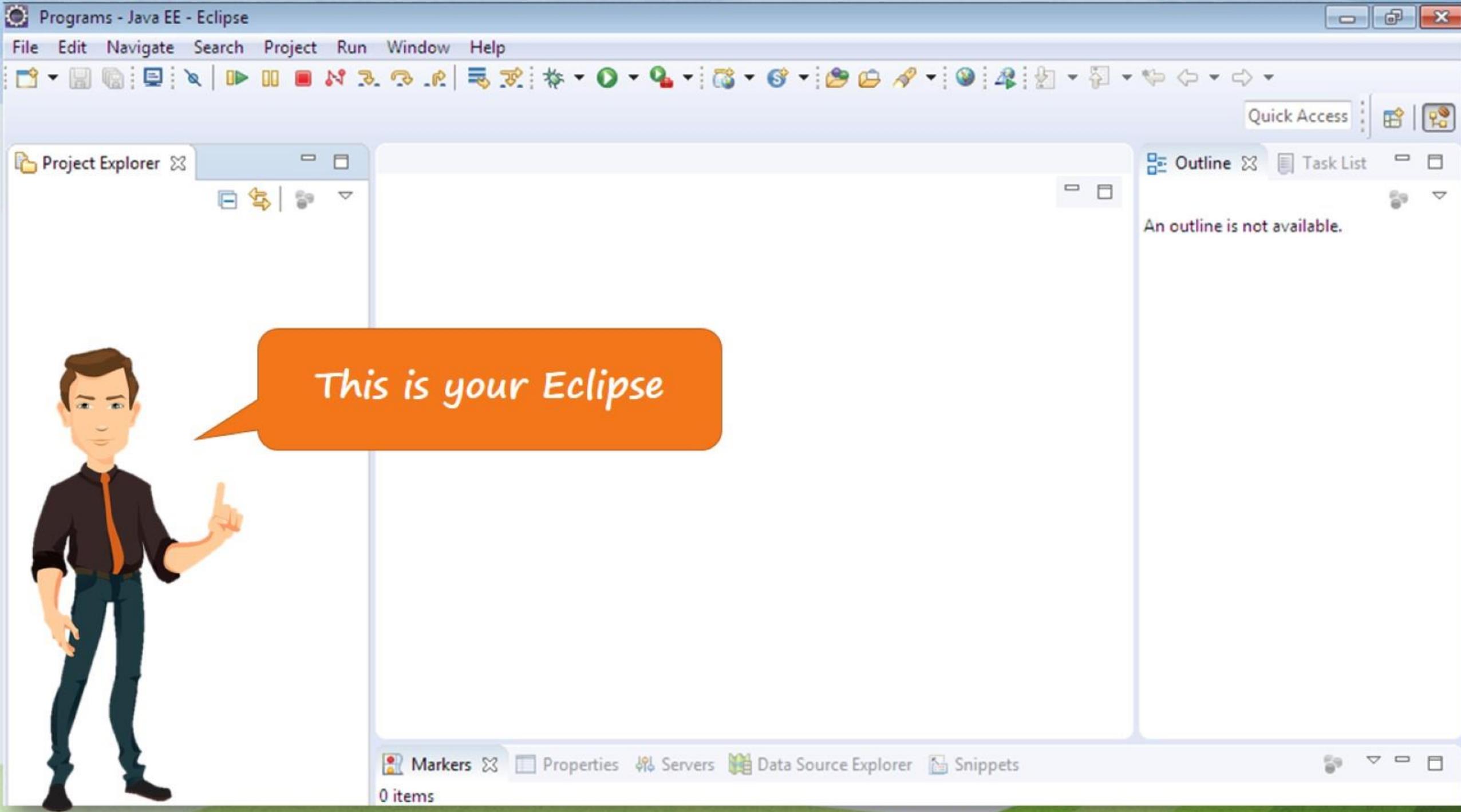


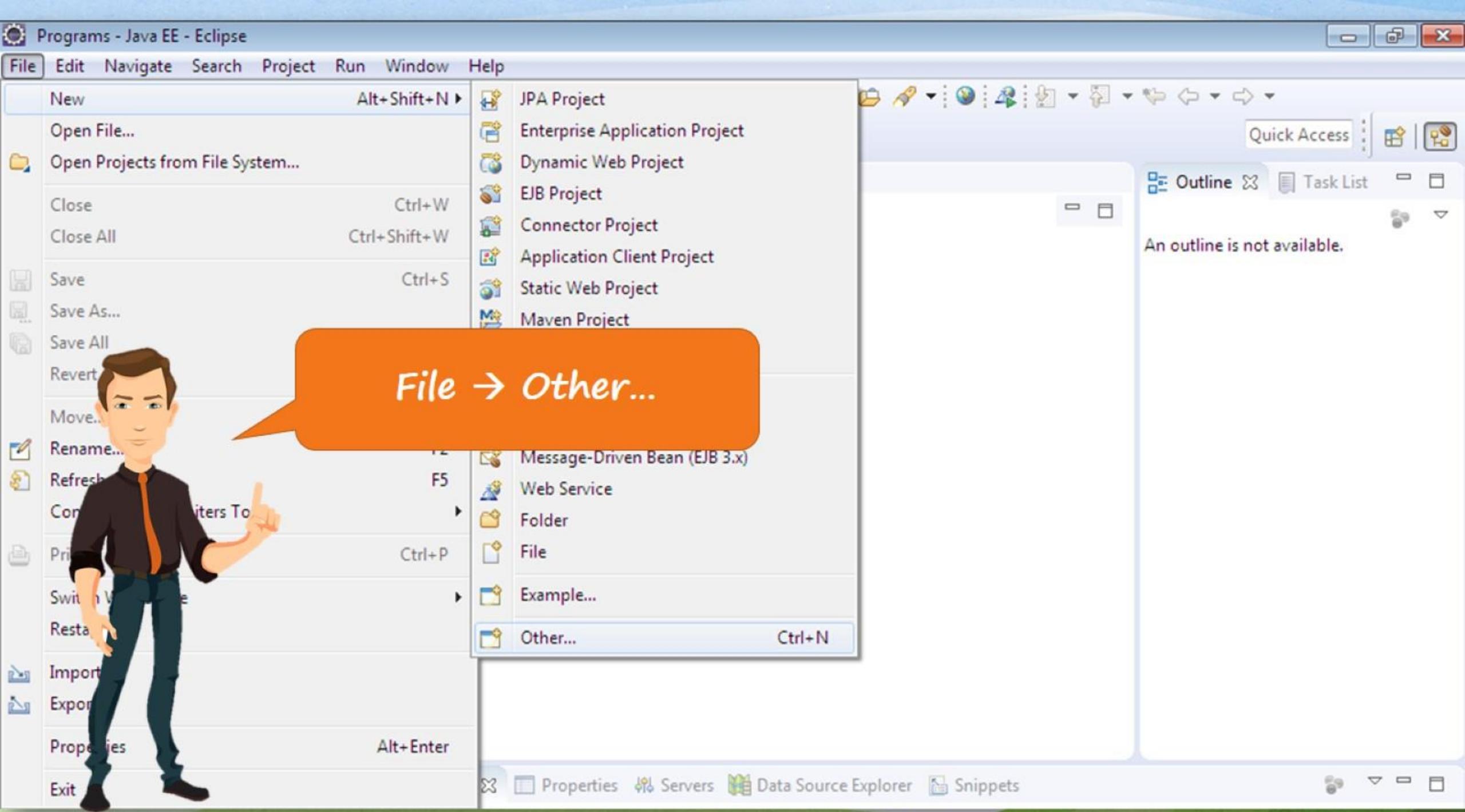
You can create a shortcut of eclipse for desktop

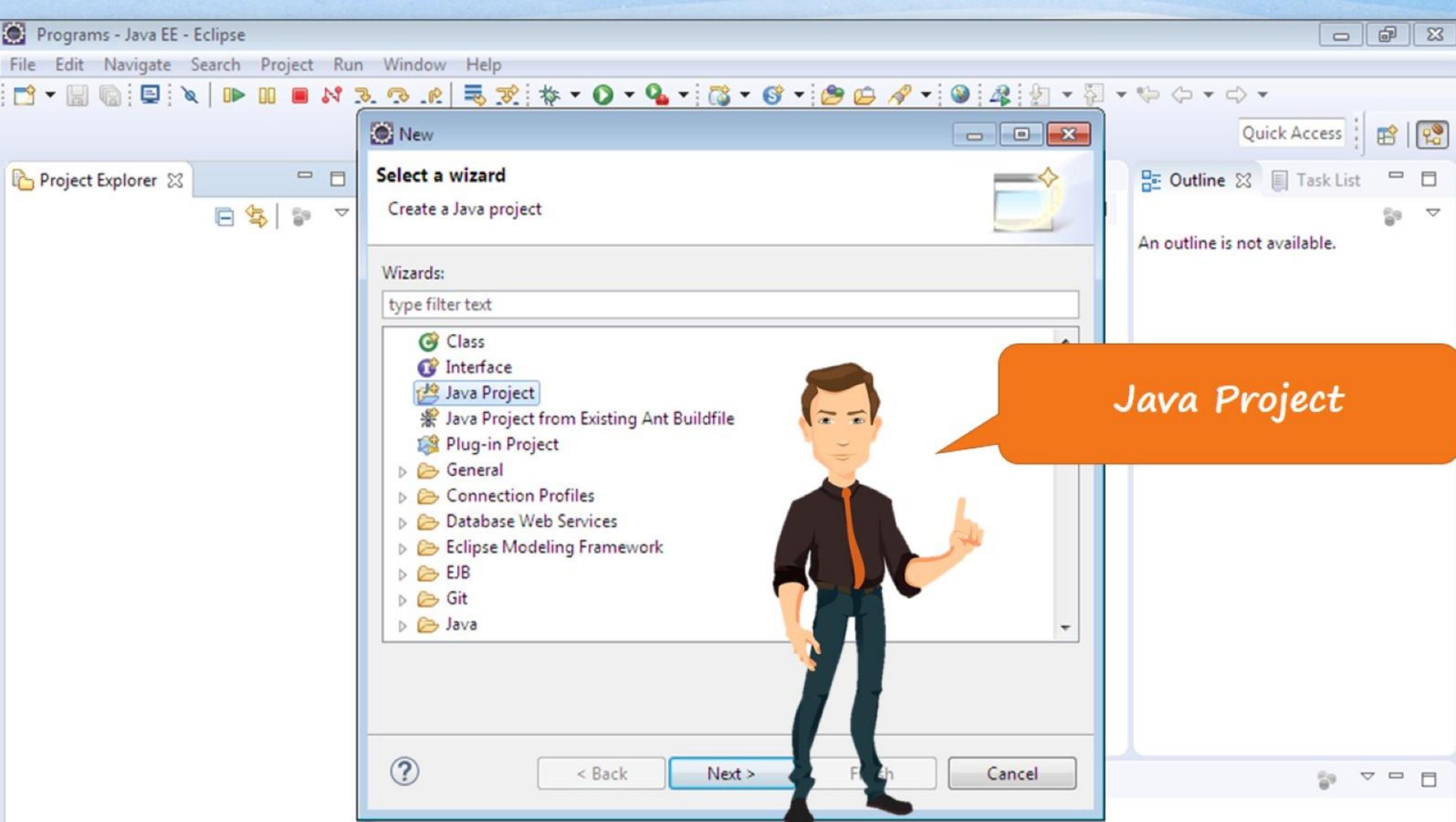


A screenshot of a Windows operating system showing the File Explorer interface. The address bar indicates the path: Local Disk (C:) > Program Files > eclipse. The left sidebar shows standard navigation links like Favorites, Libraries, and Computer. The main pane displays a list of files and folders within the Eclipse directory, including configuration, dropins, features, p2, plugins, readme, .eclipseproduct, artifacts.xml, eclipse.exe, eclipse.ini, and eclipssec.exe. The table below provides a detailed view of the listed items.

	Name	Date modified	Type	Size
	configuration	8/22/2017 2:12 PM	File folder	
	dropins	3/14/2017 2:00 PM	File folder	
	features	3/14/2017 2:00 PM	File folder	
	p2	8/22/2017 2:13 PM	File folder	
	plugins	3/14/2017 2:00 PM	File folder	
	readme	3/14/2017 2:00 PM	File folder	
	.eclipseproduct	1/3/2017 2:14 PM	ECLIPSEPRODUCT...	1 KB
	artifacts.xml	3/14/2017 2:00 PM	XML Document	282 KB
	eclipse.exe	3/14/2017 2:04 PM	Application	319 KB
	eclipse.ini	3/14/2017 2:00 PM	Configuration sett...	1 KB
	eclipsec.exe	3/14/2017 2:04 PM	Application	31 KB







Java Project



Type Project name

Programs - Java EE - Eclipse

New Java Project

Create a Java Project

Create a Java project in the workspace or in an external location.

Project name: Try1

Use default location

Location: C:\Programs\Try1

JRE

Use an execution environment JRE: JavaSE-1.8

Use a project specific JRE: jre1.8.0_131

Use default JRE (currently 'jre1.8.0_131') [Configure JREs...](#)

Project layout

Use project folder as root for sources and class files

Create separate folders for sources and class files [Configure default...](#)

Working sets

Add project to working sets

Working sets:

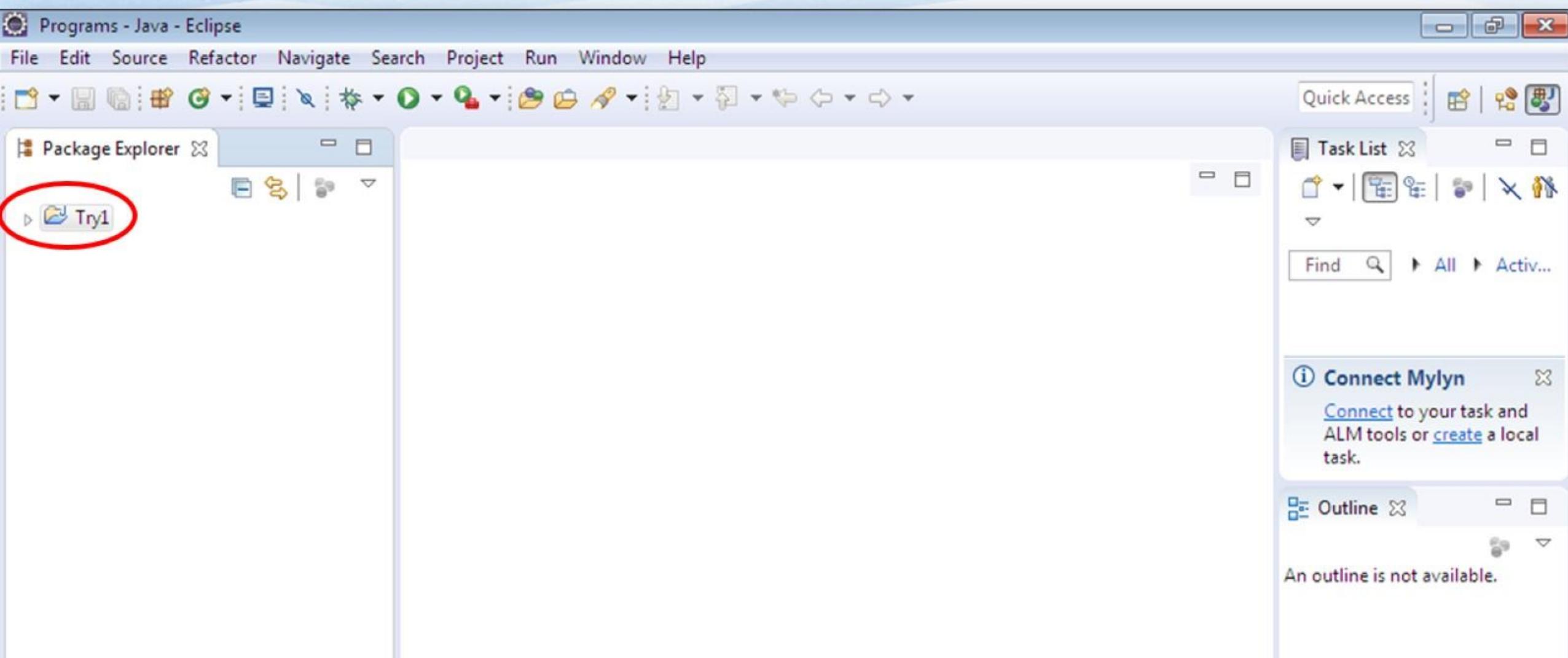
0 items selected

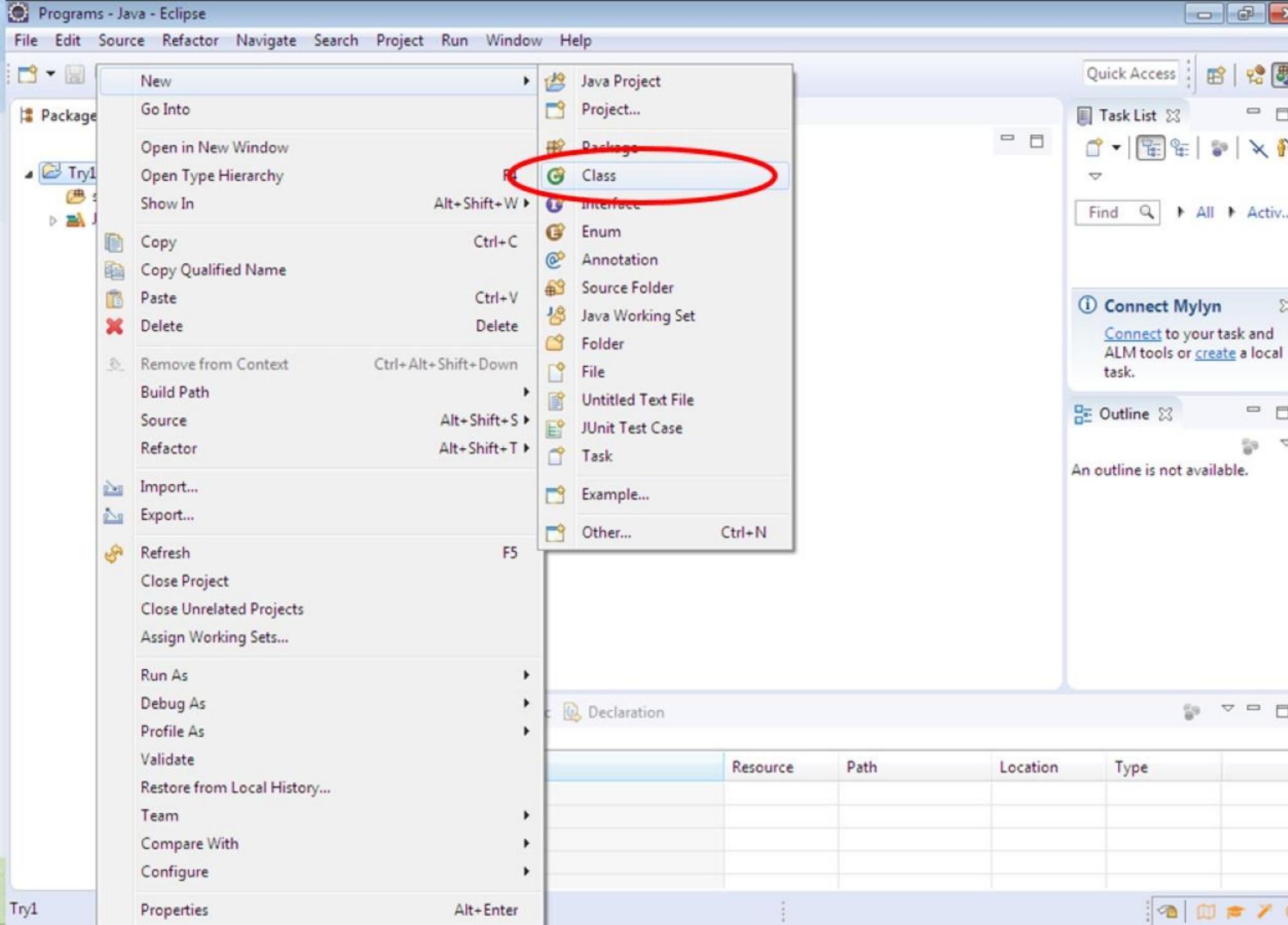
Quick Access

Outline Task List

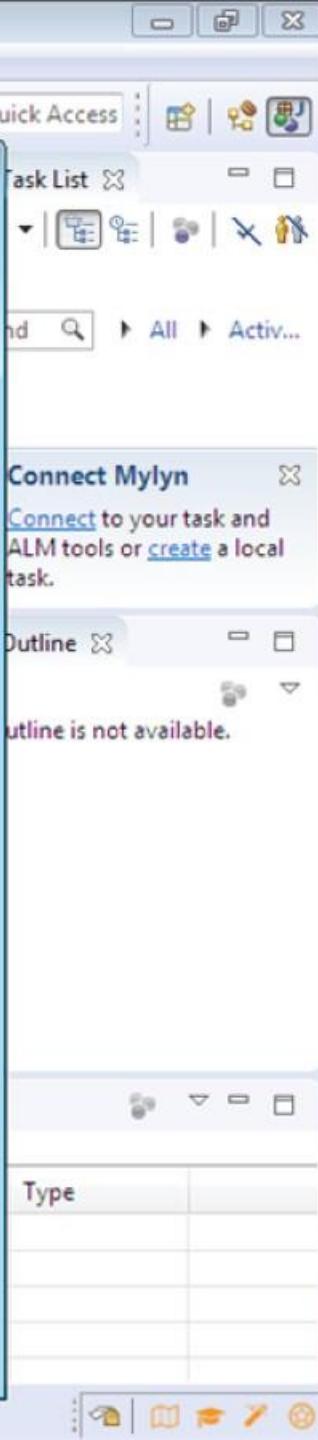
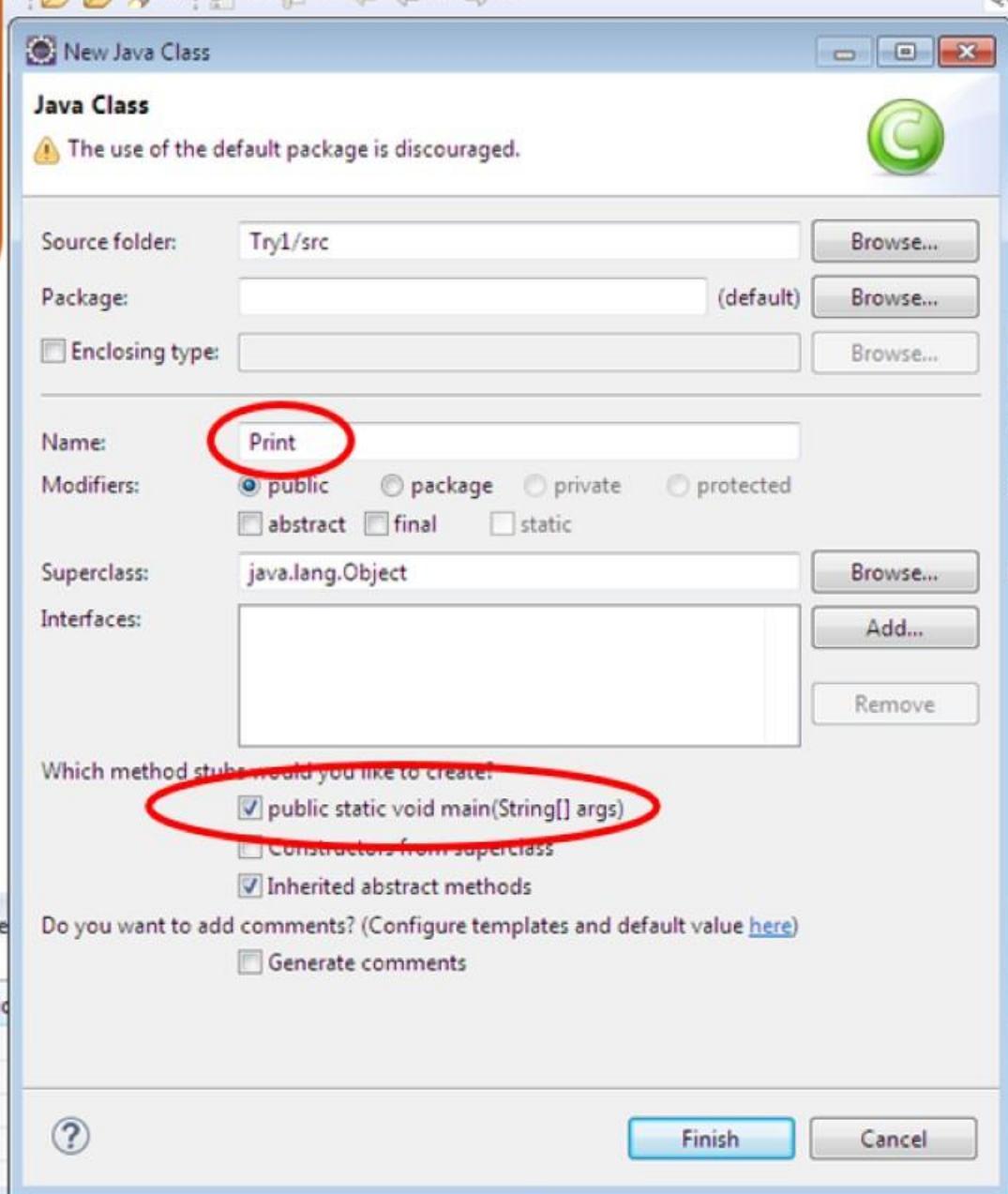
An outline is not available.

Location Type





Type class name,
Select public static void
main(String[] args)





Print.java

```
1 public class Print {  
2     public static void main(String[] args) {  
3         // TODO Auto-generated method stub  
4     }  
5 }  
6  
7 }  
8  
9 }  
10 }
```



Here is your java program

Quick Access

Task List

Find All Activ...

Connect Mylyn
[Connect](#) to your task and
ALM tools or [create](#) a local
task.

Outline



Print
main(String[]) : void



If you want to print something,
you have to add a code line



Package Explorer X

try1

Print.java X

```
1 package try1;
2
3 public class Print {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         System.out.println("Hello World");
8     }
9
10 }
11
```



To see output press Run button
and Check output at bottom

Problems @ Javadoc Declaration Console X

<terminated> Print [Java Application] C:\Program Files\Java\jre1.8.0_131\bin\javaw.exe (Aug 26, 2017, 9:49:55 AM)

Hello World