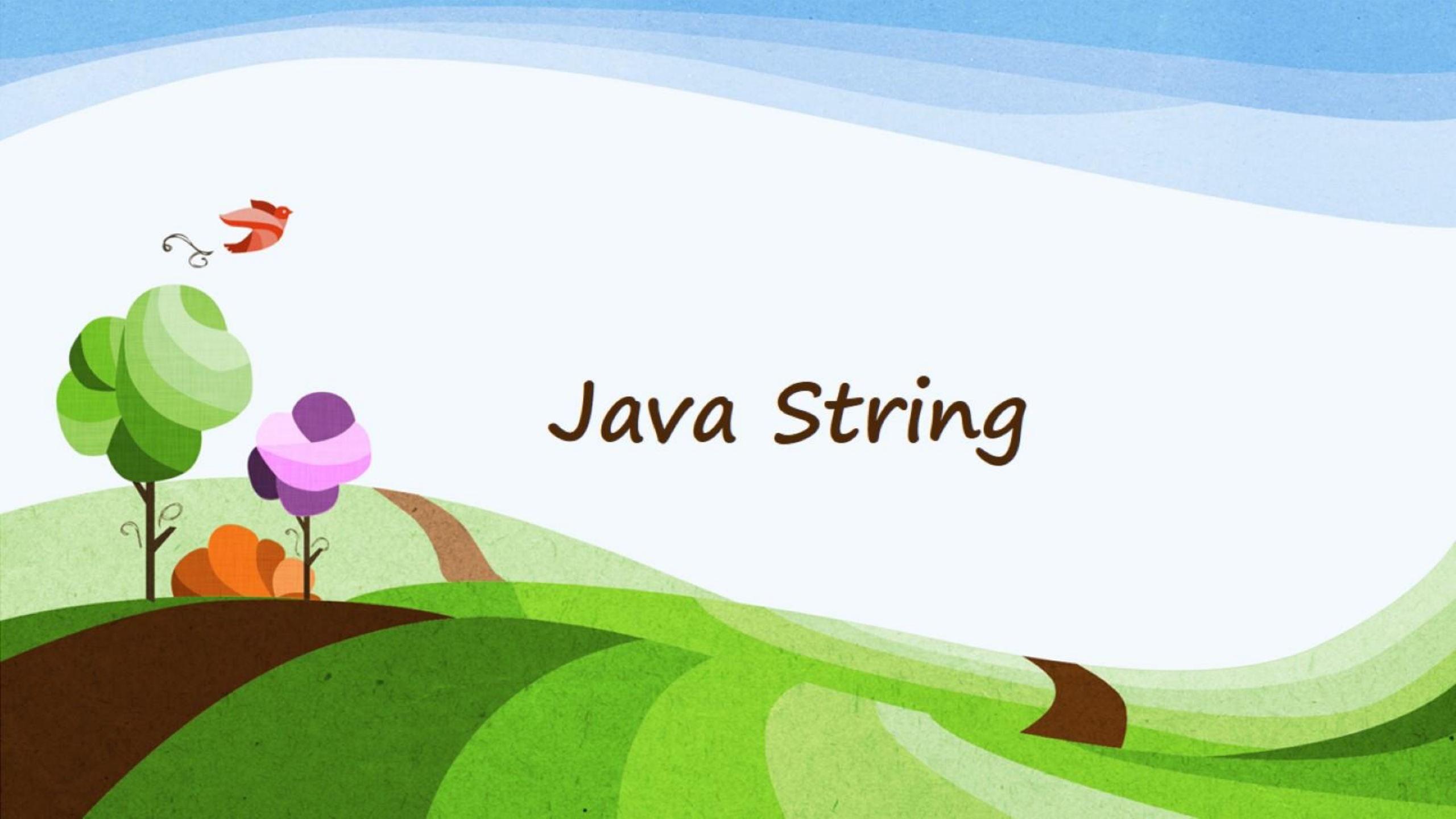




Java String

String

- String is basically an object that represents sequence of char values.
- An array of characters works same as java string.

How to Create a String

The Easy Way	The Complex Way
<pre>String nm="Hello World"; System.out.println(nm);</pre>	<pre>char[] h = {'H','e','l','l','o',' ','W','o','r','l','d'}; String h2 = new String(h); System.out.println(h2);</pre>

Output: Hello World

Output: Hello World



String Methods

Length

```
String nm="Yash";  
int l = nm.length();  
System.out.println(l);
```

Output: 4

Concatenating Strings

```
String nm="Yash";
```

```
String line=" Ailurophile";
```

```
line=nm.concat(line);
```

```
System.out.println(line);
```

Output: Yash Ailurophile

replace

```
String nm="Yash";
```

```
String rep=nm.replace('Y','y');
```

```
System.out.println(rep);
```

Output: yash

split

```
String Str = "Welcome to Piford";  
for (String w: Str.split(" "))  
{  
    System.out.println(w);  
}
```

Output: Welcome
to
Piford

startsWith

```
String Str = "Welcome to Piford";
```

```
System.out.println(Str.startsWith("Welcome"));
```

Output: true

equals

```
String Str = "Welcome to Piford";  
String Str2 = "Welcome to KMG";  
System.out.println(Str.equals(Str2));
```

Output: false

endsWith

- *String Str = "Welcome to Piford";*
- *System.out.println(Str.endsWith("Piford"));*

Output: true

toUpperCase

```
String Str = "Welcome to Piford";  
System.out.println(Str.toUpperCase() );
```

Output: WELCOME TO PIFORD

toLowerCase

```
String Str = "Welcome to Piford";  
System.out.println(Str.toLowerCase() );
```

Output: welcome to piford

trim

```
String Str = "      Yash      ";  
System.out.println(Str.trim() + " Ailurophile");
```

Output:Yash Ailurophile