

Java tips & tricks









Use of Single and Double Quotes

single quotes are used for literal chars while double quotes are for literal Strings

```
System.out.println("M" +"Y");
System.out.println('M'+'Y');
```

output



here, the ASCII values are added thats why 166 is shown instead of MY



instead of using this everytime

```
String str2 = new String("I am a string via a constructor");
```

use this

```
String str1 = "I am a string";
```



if you are dealing with large numbers instead of using **Float**Use **Double**

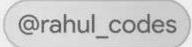
```
float x = 1.0f, y = 3.0f;
float z = x / y;
less precise
```

output = 0.333333334

```
double x = 1.0, y = 3.0;
double z = x / y;
more precise
```

output = 0.33333333333333333

but double takes more memory use it wisely





comment down the output

```
int num1 = 5;
int num2 = 5;

Integer wrapNum1 = 3;
Integer wrapNum2 = 3;

System.out.println(num1 = num2);
System.out.println(wrapNum1 = wrapNum2);
```

answer and explanation in the next slide

tips

answer

1 TRUE

2 FALSE

two variables are being compared in the 1st line that why it returned **true**

objects are being compared in the 2nd line thats why it returned false