

## Division

What's the output of the following code:

```
1 public class Division {  
2     public static void main(String[] args) {  
3         int a = 3;  
4         int b = 2;  
5         double result = a / b;  
6         System.out.println("Result: " + result);  
7     }  
8 }
```

✓ Click here to expand...

The output of the provided code will be:

```
1 Result: 1.0
```

since integer division is performed.

If you want to get the correct result with the decimal part, we need to cast one or both of the operands to `double` before performing the division:

```
1 double result = (double) a / b;
```