

Show the output of the following code segments. If an error occurs, print “error” as your answer & explain.

1.

```
int num = 3;  
double num2 = 4.4;  
int sum = num + (int) num2;  
System.out.println(sum);
```

2.

```
double num = 92.1173;  
int sum = 62 + (int) num;  
System.out.println(sum);
```

3.

```
int num = 33, num2 = 92;  
int modme = (num % num2) / (num2 % num);  
System.out.println(modme);
```

4.

```
String ashlee = "ashleesimpsonisgreat";  
int num = ashlee.indexOf("e");  
System.out.println(num + 6);
```

5.

```
String ashlee = "ashleesimpson";  
String ash = ashlee.substring(6);  
System.out.println("Jessica" + ash);
```

6.

```
String name = "Billy McCart";  
String subName = name.substring(1, 5);  
System.out.println(subName);
```

7.

```
int total = 305, number = 10;  
System.out.println(total / number);
```

8.

```
int grade1 = 98, grade2 = 71;  
String letter = "B";  
System.out.println(grade1 + grade2 + letter);
```

9.

```
int num1 = 3;  
String num2 = "3";  
double number = Double.parseDouble(num2) + num1;  
System.out.println(number);
```

10.

```
int numA = 46;  
double numB = 4.1;  
int blue = numA + numB;  
System.out.println(blue);
```