

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

1.

```
int num1 = 2, num2 = 3;  
int total = num1 + num2;  
System.out.println(total);
```

2.

```
double num4 = 3.0, num5 = 6.0;  
int sum = num4 + num5;  
System.out.println(sum);
```

3.

```
String num6 = "12";  
int num7 = 31;  
System.out.println(79 + num7 + num6);
```

4.

```
String message1 = "java is fun";  
String part = message1.substring(message1.length() - 1);  
System.out.println(part);
```

5.

```
int num8 = 10, num9 = 20;  
num8++;  
System.out.println(num8 + num9);
```

6.

```
double amount1 = 12.5, amount2;  
System.out.println(amount1 + amount2);
```

7.

```
double amount3 = 5.3, amount4 = 7.4;  
double total = Math.floor(amount3 + amount4);  
System.out.println(total);
```

8.

```
int num1 = 5;  
double num2 = 3;  
int num3 = num1 + num2;  
System.out.println(num3);
```

9.

```
String name = "Tim";  
int num4 = Integer.length(name);  
System.out.println(num4 + 2);
```

10.

```
String letters = "zyxwvut";  
String sub = letters.substring(3);  
System.out.println(sub);
```