

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

1.

```
String sport1 = "running is the best";  
String sport2 = sport1.substring(12);  
System.out.println(sport2.substring(2, 2));
```

2.

```
double num = Integer.MAX_VALUE + Integer.MIN_VALUE;  
System.out.println(num + 2.45);
```

3.

```
String sport = "running is the best";  
String alphabet = "AESZHLXC";  
String alphabet2 = alphabet.substring(6);  
System.out.println(sport.substring(0, 3) + alphabet2);
```

4.

```
String num1 = "367921";  
int pos1 = num1.indexOf("4");  
String num2 = Integer.parseInt(num1);  
System.out.println(num2 + pos1);
```

5.

```
int f = 50, h = 10;  
double g = 2.5;  
double num = f / h - g;  
System.out.println(num);
```

6.

```
String name1 = "abcdefgh";  
String name2 = name1.substring(3, 3);  
System.out.println(name2);
```

7.

```
int num1 = 10;  
int num2 = num1;  
num1 = 15;  
System.out.println(num2);
```

8.

```
int length1 = "Hello World".length();  
int length2 = "My name is".length();  
System.out.println(length1 + length2);
```

9.

```
String num1 = "14";  
System.out.println(Integer.parseInt(num1) + "28");
```

10.

```
int num1 = Integer.MAX_VALUE + Integer.MIN_VALUE;  
int num2 = num1 + 10;  
System.out.println(num2 + 1.4);
```