

Java
Tracing Code Worksheet #5

Name -
Period -

Show the output of the following code segments. If an error occurs, print "error" & 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);
