

Java
Tracing Code Worksheet #4

Name -
Period -

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

1.
int num = 4;
double otherNum = 48.9;
int total = num + otherNum;
System.out.println(total);

2.
String myNum = "1234";
int num = 1234;
System.out.println(myNum + num);

3.
String name = "Mr. Kennedy";
String sub1 = name.substring(4, 8);
String sub2 = name.substring(11);
System.out.println(sub1 + sub2);

4.
String message = "I am Sam";
String sub = message.substring(5);
String sub2 = message.substring(0, 5);
System.out.println(sub + " " + sub2);

5.
int num = 2;
String equation = "2 + 2 = ";
System.out.println(equation + num + equation.substring(0, 1));

6.
int num1 = 4, num2 = 3;
System.out.println(num1 + num2);

7.
double num1 = 2.1;
int num2 = 8;
System.out.println(num1 + num2);

8.
String str1 = "abc";
String str2 = "def";
System.out.println(str2 + str1);

9.
String str1 = "minich";
String sub = str1.substring(0, 3);
System.out.println(sub);

10.
String fruit = "apple";
int num = 1;
System.out.println(num + " " + fruit);
