Programming Review 2 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_An instance of a class is a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	1. Method
	2. Procedure
	3. Object
	4. Case
2. \_\_\_\_\_All Java programming statements must end with a \_\_\_\_\_\_\_\_\_\_\_\_.
	1. Period
	2. Comma
	3. Semicolon
	4. Closing parenthesis
3. \_\_\_\_\_All Java applications must have a method named \_\_\_\_\_\_\_\_\_\_\_\_\_.
	1. method()
	2. main()
	3. java()
	4. hello()
4. \_\_\_\_\_The assignment operator in Java is \_\_\_\_\_\_\_\_\_\_\_\_\_.
	1. =
	2. ==
	3. :=
	4. ::
	5. :)
5. \_\_\_\_\_Assuming you have declared shoeSize to be a variable of type int, which of the following is a valid assignment statement in Java?
	1. shoeSize=9;
	2. shoeSize=9.5;
	3. shoeSize=’9’;
	4. shoeSize=”nine”;
6. \_\_\_\_\_A boolean variable can hold \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	1. Any character
	2. Any whole number
	3. Any decimal number
	4. The value true or false
7. \_\_\_\_\_An escape sequence always begins with a(n)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	1. e
	2. Forward slash
	3. Backslash
	4. Equal sign
8. \_\_\_\_\_Which Java statement produces the following output?

w

xyz

* 1. System.out.println(“wxyz”);
	2. System.out.println(“w” + “xyz”);
	3. System.out.println(“w\nxyz”);
	4. System.out.println(“w\nx\ny\nz”);
1. \_\_\_\_\_In Java, what is the value of 3 + 7 \* 4 + 2?
	1. 21
	2. 33
	3. 42
	4. 48
2. What is the boolean value of each of the following expressions?
	1. \_\_T\_\_8<=(2+6)
	2. \_\_F\_\_5==15
	3. \_\_F\_\_5<8-3
	4. \_\_T\_\_8 != (2+5)
	5. \_\_T\_\_3 + 2 \* 6 == 15
3. Declare an integer value x with an initial value of 0.

Int x = 0;

1. \_\_\_\_\_x is 2\_\_\_\_\_\_What is the output of the following code?

x = 2;

y = 3;

if (x > 2)

 if (y > 2) {

 int z = x + y;

 System.out.println(“z is “ + z);

}

else

 System.out.println(“x is “ + x);

1. What is wrong with the following program?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_i is never defined\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 public class ShowErrors{

 public static void main(String[] args){

 int i;

 int j = 5;

 if (j > 3)

 System.out.println(i + 4);

 }

 }

1. \_\_\_\_\_Suppose a Scanner object is created as follows:

Scanner input = new Scanner(System.in);

What method do you use to read an int value?

* 1. input.nextInt();
	2. input.nextInteger();
	3. input.int();
	4. input.integer();
1. \_\_\_\_\_Which of the following is a valid identifier?
	1. $343
	2. class
	3. 9x
	4. 8+9
	5. radius
2. \_\_\_\_\_Which of the following expressions results in a value of 1?
	1. 2%1
	2. 15%4
	3. 25%5
	4. 37%6
3. \_\_\_\_\_Suppose x is 1. What is x after x +=2?
	1. 0
	2. 1
	3. 2
	4. 3
	5. 4
4. \_\_\_\_\_What is the output of the following code?

int x = 0;

while (x < 4){

 x = x + 1;

}

System.out.println(“x is “ + x);

* 1. x is 0
	2. x is 1
	3. x is 2
	4. x is 3
	5. x is 4
1. \_\_\_\_\_What does the following loop display?

for (int i = 1; i <= 10; i++){

 System.out.print(i + ” “);

}

* 1. 1 2 3 4 5 6 7 8 9
	2. 1 2 3 4 5 6 7 8 9 10
	3. 1 2 3 4 5
	4. 1 3 5 7 9
	5. 2 4 6 8 10
1. \_\_\_\_\_You should fill in the blank in the following code with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

public class Test{

 public static void main (String[] args){

 System.out. print(“The grade is “ + getGrade(78.5));

 System.out.print(“\nThe grade is “ + getGrade(59.5));

 }

 public \_\_\_\_\_\_\_\_\_\_getGrade(double score){

 if (score >-90.0)

 return ‘A’;

 else if (score >=80.0)

 return ‘B’;

 else if (score >=70.0)

 return ‘C’;

 else if (score >=60.0)

 return ‘D’;

 else

 return ‘F’;

 }

}

* 1. int
	2. double
	3. boolean
	4. char
	5. void