1. How many times is the following loop executed?

int count = 1;

while (count < 5) {

count += 3;

}



2. How many times is the following loop executed?

int count = 1;

do {

count += 3;

} while (count < 5);



3. How many times is the following loop executed?

for (int count = 1; count < 5; count += 3) {

// Execute the body

}



4. What is count after the loop is finished?

int count = 1;

do {

count += 3;

} while (count < 5);



5. What is the output of the following code?

for (int i = 1; i < 10; i += 2) {

System.out.printf("%1d", i);

}



6. What is the output of the following code?

int x = 85;

for (int i = 2; i < x; i++) {

if (x % i == 0) {

System.out.print(i);

break;

}

}



7. What is the output of the following code?

int x = 85;

for (int i = 2; i < x; i++) {

if (x % i == 0) {

System.out.print(i + " ");

continue;

}

}



8. What is the output of the following code?

public class Test {

public static void main(String[] args) {

int n = 1;

m(n);

System.out.print(n);

}

public static void m(int n) {

n++;

}

}



9. What is the output from invoking m(1234)?

public static void m(int n) {

while (n != 0) {

System.out.print(n % 10);

n = n / 10;

}

}



10. What is the output from invoking m("1234")?

public static void m(String s) {

for (int i = s.length() - 1; i >= 0; i--) {

System.out.print(s.charAt(i));

}

}



11. 15.0 / 2 =

12. 15 % 2 =



13. what is the output of the following code?

public class Test {

public static void main(String[] args) {

int[] x = {1, 2};

int i = 1;

m(i, x);

System.out.print(i + "," + x[0]);

}

public static void m(int i, int[] list) {

i = 9;

list[0] = 9;

}

}



14. What is the output of the following code?

public class Test {

public static void main(String[] args) {

int[] list1 = {1, 2, 3};

int[] list2 = list1;

list2[1] = 10;

System.out.println(list1[1]);

}

}

