**Strings**

**1. The output of the following fraction of code is**

**public class Test{**

**public static void main(String args[]){**

**String s1 = new String("Hello");**

**String s2 = new String("Hellow");**

**System.out.println(s1 = s2);**

**}**

**}**

O/P- Hellow

## 2. What will be the output of the following program code?

**class LogicalCompare{**

**public static void main(String args[]){**

**String str1 = new String("OKAY");**

**String str2 = new String(str1);**

**System.out.println(str1 == str2);**

**}**

**}**

O/p – false

## 3. What will be the output of the following program?

**public class Test{**

**public static void main(String args[]){**

**String s1 = "java";**

**String s2 = "java";**

**System.out.println(s1.equals(s2));**

**System.out.println(s1 == s2);**

**}**

**}**

**O/p – true true**

## 4. What could be output of the following fragment of code?

**public class Test{**

**public static void main(String args[]){**

**String x = "hellow";**

**int y = 9;**

**System.out.println(x += y);**

**} }**

**O/P- hellow9**

## 5. toString() method is defined in

## java.lang.String

## java.lang.Object

## java.lang.util

## None of these

## 6. What is the output of this program?

## class evaluate {

## public static void main(String args[])

## {

int a[] = {1,2,3,4,5};

int d[] = a;

int sum = 0;

for (int j = 0; j < 3; ++j)

sum += (a[j] \* d[j + 1]) + (a[j + 1] \* d[j]);

System.out.println(sum);

}

}

O/p – 40

1. **What is the output of this program?**

**class array\_output {**

**public static void main(String args[])**

**{**

**int array\_variable [] = new int[10];**

**for (int i = 0; i < 10; ++i) {**

**array\_variable[i] = i/2;**

**array\_variable[i]++;**

**System.out.print(array\_variable[i] + " ");**

**i++;**

**} }**

O/p – 12345

1. **What is the output of this program?**

**class variable\_scope {**

**public static void main(String args[])**

**{**

**int x;**

**x = 5;**

**{**

**int y = 6;**

**System.out.print(x + " " + y);**

**}**

**System.out.println(x + " " + y);**

**}**

**}**

O/P- Compilation Error

1. **What is the stored in the object obj in following lines of code?  
   box obj;  
   a) Memory address of allocated memory of object.  
   b) NULL  
   c) Any arbitrary pointer  
   d) Garbage**
2. **What will be the output of the program ?**

**int[] a = {5, 1, 15, 20, 25};**

**int i, j, m;**

**i = ++a[1];**

**j = a[1]++;**

**m = a[i++];**

**System.out.println(i +" "+ j +" "+ m);**

1. 3 2 15
2. 2 3 20
3. 2 1 15
4. 1 2 5
5. **Which of these operators is used to allocate memory for an object?  
   a) malloc  
   b) alloc  
   c) new  
   d) give**
6. **What is the output of this program?**

**class main\_class {**

**public static void main(String args[])**

**{**

**int x = 9;**

**if (x == 9) {**

**int x = 8;**

**System.out.println(x);**

**}**

**}**

**}**

O/p- Compilation Error, Two variables with the same name can’t be created in a class.  
output:

1. **Which of these method of String class can be used to test to strings for equality?  
   a) isequal()  
   b) isequals()  
   c) equal()  
   d) equals()**
2. **What is the output of this program?**

**class string\_class {**

**public static void main(String args[])**

**{**

**String obj = "I LIKE JAVA";**

**System.out.println(obj.charAt(3));**

**}**

**}**

O/p – I

1. **What is the output of this program?**

**class string\_class {**

**public static void main(String args[])**

**{**

**String obj = "hello";**

**String obj1 = "world";**

**String obj2 = "hello";**

**System.out.println(obj.equals(obj1) + " " + obj.equals(obj2));**

**}**

**}**

O/p – false true