Array

1. Which of these operators is used to allocate memory to array variable in Java?  
a)malloc  
b)alloc  
**c)new**  
d) new malloc

2. Which of these is an incorrect array declaration?

a) int arr[] = new int[5]

b) int [] arr = new int[5]

c) int arr[] = new int[5]

**d) int arr[] = int [5] new**

3. What will be the output of the following Java code?

int arr[] = new int [5];

System.out.print(arr);

a) 0

b) value stored in arr[0]

c) 00000

**d) Class name@ hashcode in hexadecimal form**

4. Which of these is an incorrect Statement?

a) **It is necessary to use new operator to initialize an array**

b) Array can be initialized using comma separated expressions surrounded by curly braces

c) Array can be initialized when they are declared

d) None of the mentioned

5. Which of these is necessary to specify at time of array initialization?

a) **Row**

b) Column

c) Both Row and Column

d) None of the mentioned

6. What will be the output of the following Java code?

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;

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

i++;

}

}

}

**a) 0 2 4 6 8**

b) 1 3 5 7 9

c) 0 1 2 3 4 5 6 7 8 9

d) 1 2 3 4 5 6 7 8 9 10

7. What will be the output of the following Java code?

class multidimention\_array

{

public static void main(String args[])

{

int arr[][] = new int[3][];

arr[0] = new int[1];

arr[1] = new int[2];

arr[2] = new int[3];

int sum = 0;

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

for (int j = 0; j < i + 1; ++j)

arr[i][j] = j + 1;

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

for (int j = 0; j < i + 1; ++j)

sum + = arr[i][j];

System.out.print(sum);

}

}

a) 11

**b) 10**

c) 13

d) 14

8. What will be the output of the following Java code?

class evaluate

{

public static void main(String args[])

{

int arr[] = new int[] {0 , 1, 2, 3, 4, 5, 6, 7, 8, 9};

int n = 6;

n = arr[arr[n] / 2];

System.out.println(arr[n] / 2);

}

}

a) 3

b) 0

c) 6

**d) 1**

9. What will be the output of the following Java code?

class array\_output

{

public static void main(String args[])

{

char array\_variable [] = new char[10];

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

{

array\_variable[i] = 'i';

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

}

}

}

a) 1 2 3 4 5 6 7 8 9 10

b) 0 1 2 3 4 5 6 7 8 9 10

c) i j k l m n o p q r

**d) i i i i i i i i i i**

10. What will be the output of the following Java code?

class array\_output

{

public static void main(String args[])

{

int array\_variable[][] = {{ 1, 2, 3}, { 4 , 5, 6}, { 7, 8, 9}};

int sum = 0;

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

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

sum = sum + array\_variable[i][j];

System.out.print(sum / 5);

}

}

a) 8

**b) 9**

c) 10

d) 11