1)Arrays refers to index collection of fixed number of homogenous data elements.

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

2)To create an array the syntax need to be followed is :

Data\_type array\_name[size\_of the array];

Or

Data\_type [size]arrayname;

Or

Data\_type[size] arrayName;

3)No. We cannot change the size of the array at runtime. However ,you can change the number of elements in an array whenever you want.

4)Yes. We can declare array without size but before using the array it needs to be initialized.

5) 0 is the default value of Array.

6)1-D array is One Dimensional Array.

Ex:

int a[100];

int[10] b={1,23,43,56,90}; etc

7)

import java.util.Scanner;

public class Array\_AssignmentQsn {

public static void main(String[] args) {

int nums[][]=new int[3][2];

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

for(int j=0; j<2; j++){

Scanner sc=new Scanner(System.in);

nums[i][j]=sc.nextInt();

}

}

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

for(int j=0; j<2; j++){

System.out.print(nums[i][j] + " ");

}

System.out.println();

}

}