

**Q.1) What do you mean by an Array ?**

Ans:- It refers to index collections of fixed no of homogeneous data elements. Single variable can holds multiple numbers of values which improve readability of the program.

**Q.2) How to create an Array ?**

Ans:- Every array in java is an object hence we need to create an object first by using new keyword. Such as " int []a=new int [5]" here 5 is index number.

**Q.3) Can we change the size of an array at run time ?**

Ans :- Yes, we can change the size of an array at run time.

**Q.4) Can you declare an array without assigning the size of an array ?**

Ans:- No, we cannot declare the array .

**Q.6) What is the default value of Array ?**

Ans:- for int type , its default value is 0 and for string value , its default is null.

**Q.7) What is a 1D array with an example ?**

Ans:- An array which is belongs to single dimension is called 1D array.

For example- int a[] ={23,45,67}

**Q.8) Write a program on a 2D array?**

```
Ans:- int ar[][] = { { 20, 34 }, { 56, 67, 34 }, { 45 } };

    for (int a[] : ar) {
        for (int b : a) {
            System.out.print(b);
        }
        System.out.println();
    }
```