

## **1. What do you mean by an Array?**

Ans: Array is a collections of element of similar data type placed in contiguous memory location.

## **2. How to create an Array?**

Ans: Following these steps for creating an Aarray-

- Define the data type (like int , void etc )
- Specify the name of the array followed by square brackets [].

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

Ans: No, we cannot change the size of an array at the run time.

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

Ans: Yes, we can declare an array without assigning the size of an array.

## **5. What is the default value of Array?**

Ans: in case of boolean array default value is false,  
In case of integer or char the default value is unicode,  
In case of string the default value is null.

## **6. What is a 1D array with an example?**

Ans: 1D array is the simplest form of an array in which the element are stored in linearly form and we can accessed individually by index value of each element stored in the array.

## 7. Write a program on a 2D array.

```
Public class 2DArray{
Public static void main (String[] args){
    Int [3][3] arr = {
        {2, 4, 5}
        {6, 7, 8}
        {1, 3, 9}
    }

    for(int i=0; i<arr.length; i++ ){
        for(int j=0; j<arr[i].length; j++){
            System.out.print(arr [i][j]);
        }
    }
    System.out.println(" ");
}
```