

# Arrays in java Assignment

## Assignment(9)

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

Ans:- Array is a collection of single type data. With the help of array we can store more than one value of same datatype into a single variable which is type of array.

### 2. How to create an Array?

Ans:- Array is created by the help of new keyword. For a single array we have to give the datatype of that array and then the name of that array with middle bracket after that we have to give assign (=) symbol and after new keyword again specify the datatype with the size of array.

Syntax of array:-

```
Int []arr= new int[5];
```

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

Ans:- No, we can't change the size of an array at run time.

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

Ans:- if we are assigning the value at the time of declaration of array itself, then in that case we don't have to give the size of an array .

Example:-

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

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

Ans:- The default value of array in java will provide by the jvm on the basis of type of array, Like:-

For int type array , default value will be 0

For char type array, default value will be some Unicode value

For string type array , default value will be null

For Boolean type array, default value will be false

Etc.....

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

Ans:- 1D array is a single line array in java , which have only row , on which we can assign the element in single row. We can retrieve the value of 1D array with the help of one for loop.

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

```
Ans:- package ClassExample;

public class JaggedArray {
    public static void main(String[] args) {
        int [][] arr={
            {2,4,5,6},
            {4,76,75},
            {67,9,90}
        };
        for (int i = 0; i <3 ; i++) {
            for (int j = 0; j < arr[i].length; j++) {
                System.out.print(arr[i][j]+" ");
            }
            System.out.println();
        }
    }
}
```