

# Arrays in Java

## Assignment Questions

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

An Array is the collection of similar types of objects.

### 2) How to create an Array?

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

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

### 3) Can we change the size of an array at runtime?

No , we cannot change it , because it is static and we must have to declare the size while initializing the array.

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

No , you cannot , it is compulsory to define the size while creating it.

### 5) What is the default value of an Array?

The default value of an array is 0.

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

It has only rows like {1,2,3,4,5};

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

```
int [][] arr1 = new int[2][3];

for (int i = 0; i < arr1.length; i++) {

    for (int j = 0; j < arr1[i].length; j++) {

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

    }

}

for (int i = 0; i < arr1.length; i++) {

    System.out.println(Arrays.toString(arr1[i]) + " ");

}
```

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