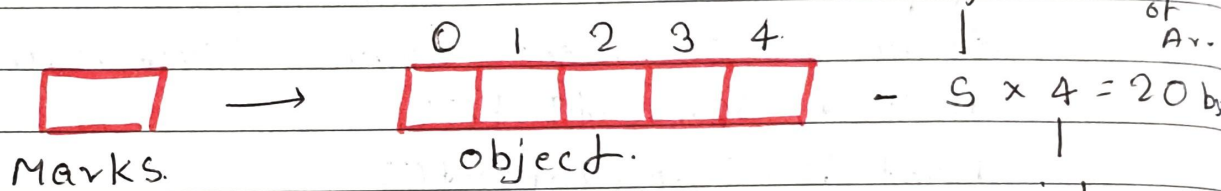


ARRAYS

* Arrays \rightarrow it is used to store multiple value in a single variable,

Declaration. Size of Array

int[] Marks = new int[5];
| |
reference object



* Different way to Dec and Value. int size

- int[] Marks;
- Marks = new int[5];
- int[] Marks = {100, 20, 50, 40, 90};

Array Length.

Marks.length \rightarrow 5

String car = {"Volvo", "BMW", "Ford", "Mazda"};

car[0]; \rightarrow Volvo

car[2] = "Bugati";

Array change.

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

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Output.

Volvo, B
BMW
Ford
Mazda

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

```
for (int i: arr)
```

```
{
```

```
    System.out.println(i);
```

```
}
```

```
1
2
3
4
5
```

Multidimensional = 2D

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

```
flats[0][0] = 100;
```

```
flats[0][1] = 101;
```

```
flats[0][2] = 102;
```

Row Column

(0,0)	(0,1)	(0,2)	— R ₁
(1,0)	(1,1)	(1,2)	— R ₂
C ₁	C ₂	C ₃	

3D ARRAYS

```
int[][][] Num = new int[2][3][6];
```

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