**Array [] in Java**

In Java, Array is a collection of similar datatype.

**Syntax:**

Datatype name[] = {Comma separated similar data….};

**Ways of declaring array:**

#1 way

int marks[] = new int[5]; //declaring marks size

marks[0] = 70;  
marks[0] = 80;  
marks[0] = 60;  
marks[0] = 50;

#2 way

Int marks[] = {70, 80, 60, 50};

**Example**

public class Main {

// main Method

public static void main(String[] args) {

int arr[] = {50, 60, 70, 90};

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

System.out.println(arr[i]);

}

}

}

**Output:**  
50  
60  
70  
90

**Array with User Input:**

**Example**

import java.util.Scanner;

public class Main {

// main Method

public static void main(String[] args) {

System.out.println("Enter the size of the Array: ");

Scanner input = new Scanner(System.in);

int arrSize = input.nextInt();

// Set the size of the array

int arr[] = new int[arrSize];

System.out.println("\n");

// Taking the elements in the array

System.out.println("Enter the elements in the Array:");

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

arr[i] = input.nextInt();

}

System.out.println("\n");

// Showing the elements in the array

for(int j =0; j<arr.length; j++){

System.out.println(arr[j]);

}

}

}

**Output:**

Enter the size of the Array:

5

Enter the elements in the Array:

10

9

8

7

4

10

9

8

7

4