**No Of Repetation**

package com.arrays.demo;

public class NoOfRepetation {

public static void main(String[] args) {

int a[] = {100,200,100,300,100,400,100};

int number = 100;

int count=0;

for(int x:a)

{

if(x==number)

{

count++;

}

}

System.out.println(count);

}

}

**Object Array**

package com.arrays.demo;

public class ObjectArray {

public static void main(String[] args) {

Object a[] = {100,10.5,'A',true,"welcome"};

for(Object x:a)

{

System.out.println(x);

}

}

}

**Search Element**

package com.arrays.demo;

public class SearchElement {

public static void main(String[] args) {

int a[] = {10,20,30,40,50};

int search\_element = 30;

boolean status = false;

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

{

if(a[i]==search\_element)

{

System.out.println("element found..");

status=true;

break;

}

}

if(status==false)

{

System.out.println("element not found...");

}

}

}

**Single Dimensional Array**

package com.arrays.demo;

public class SingleDimensionalArray {

public static void main(String[] args) {

int a[]= {100,200,300,400,500}; // declare & add values

int sum =0;

// find length of an array

System.out.println("Length of an array :"+a.length);

// read single value from an array

System.out.println(a[2]);

//reading all values from an array

for(int x:a)

{

System.out.println(x);

sum = sum+x;

}

System.out.println(sum);

}

}

**Sorting Element**

package com.arrays.demo;

import java.lang.reflect.Array;

import java.util.Arrays;

public class SortingElement {

public static void main(String[] args) {

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

System.out.println("Before Sorting...");

System.out.println(Arrays.toString(a));

Arrays.sort(a); // sort elements

System.out.println("After Sorting...");

System.out.println(Arrays.toString(a));

}

}

**Sorting String**

package com.arrays.demo;

import java.util.Arrays;

public class SortingStrings {

public static void main(String[] args) {

char c[]= {'D','A','C','B'};

String s[]= {"Sagar","Vishal","Atul","Anand","Yuvraj"};

System.out.println("Before sorting :"+Arrays.toString(c));

Arrays.sort(c);

System.out.println("After sorting :"+Arrays.toString(c));

System.out.println("Before sorting :"+Arrays.toString(s));

Arrays.sort(s);

System.out.println("After sorting :"+Arrays.toString(s));

}

}

**Taking Input Console**

package com.arrays.demo;

import java.util.Arrays;

import java.util.Scanner;

public class TakingInputsConsole {

public static void main(String[] args) {

int a[] = new int[5];

Scanner sc = new Scanner(System.in);

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

{

System.out.println("Enter an array :");

a[i] = sc.nextInt();

}

System.out.println("Printing an array....");

System.out.println(Arrays.toString(a));

}

}

**Two Dimensional Array**

package com.arrays.demo;

import java.util.Iterator;

public class TwoDimensionalArray {

public static void main(String[] args) {

int a[][]= {

{100,200},

{300,400},

{500,600}

};

System.out.println("Length of rows:"+a.length);

System.out.println("Length of columns:"+a[0].length);

//Approach 1

/\*

\* for(int row =0;row<a.length;row++) { for(int c=0;c<a[row].length;c++) {

\* System.out.print(a[row][c]+" "); } System.out.println(); }

\*/

for(int arr[]:a)

{

for(int x:arr)

{

System.out.print(x+" ");

}

System.out.println();

}

}

}