# Practical No:08

Name : Deepankar Sharma Course: BCA

University Roll No: 2092014 Student Id : 20041299 Semester: 3

Date: October 21, 2021

**Objective:** WAP find search element in the array.

# Code :

import java.util.Scanner;

public class \_02\_searchArr {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

int n;

System.out.print("Enter the number of array: ");

n= sc.nextInt();

int arr[];

int searchInd;

arr= new int[n];

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

System.out.print("Enter the arr["+ (i)+ "]: ");

arr[i]= sc.nextInt();

}

System.out.print("Enter the element to be searched: ");

searchInd= sc.nextInt();

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

if(arr[i]==searchInd){

System.out.println("The element is found at index ["+ (i)+ "].");

break;

}

if(i==arr.length){

System.out.println("The element is not in the array !!!");

}

}

sc.close();

}

}

# Output:

PS E:\03 Semester\Java\Assignments\Assignment\_02\_oct21> cd "e:\03 Semester\Java\Assignments\Assignment\_02\_oct21\" ; if ($?) { javac \_02\_searchArr.java } ; if ($?) { java \_02\_searchArr }

Enter the number of array: 5

Enter the arr[0]: 45

Enter the arr[1]: 34

Enter the arr[2]: 22

Enter the arr[3]: 4

Enter the arr[4]: 223

Enter the element to be searched: 22

The element is found at index [2].