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**OBJECT ORIENTED PROGRAMING LAB**

**Experiment No.: 7**

# Aim

Write a program to search an element in an array.

**Source Code**

import java.util.Scanner;

public class SearchElement{

public static void main(String[] args){

int n, x, flag = 0, i = 0;

Scanner s = new Scanner(System.in);

System.out.print("Enter the no. of elements in array : ");

n = s.nextInt();

int a[] = new int[n];

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

for(i = 0; i < n; i++){

a[i] = s.nextInt();

}

System.out.print("Enter the element you want to search : ");

x = s.nextInt();

for(i = 0; i < n; i++){

if(a[i] == x){

flag = 1;

break;

}

else{

flag = 0;

}

}

if(flag == 1){

System.out.println("Element found at position : "+(i + 1));

}

else{

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

}

}

}

# Output Screenshot

