OBJECT ORIENTED PROGRAMMING LAB

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**Roll No:50**

**Batch:B**

**Date:06-04-22**

**Experiment No.: 6**

**Aim**

To search an element in an array

**Procedure**

import java.util.\*;

public class ArraySearch

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

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

System.out.println("\n Enter the size of array\n");

n=sc.nextInt();

int[] a=new int[n];

System.out.println("\n Enter "+n+" elements into the array\n");

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

a[i]=sc.nextInt();

System.out.println("\n Entered array elements are\n");

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

{

System.out.print(a[i]+"\t");

}

System.out.println("\n Enter an element to be searched : ");

key=sc.nextInt();

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

{

if(a[i]==key)

{

flag=1;

break;

}

}

if(flag==1)

System.out.println("\n The key "+key+" is found at position "+(i+1));

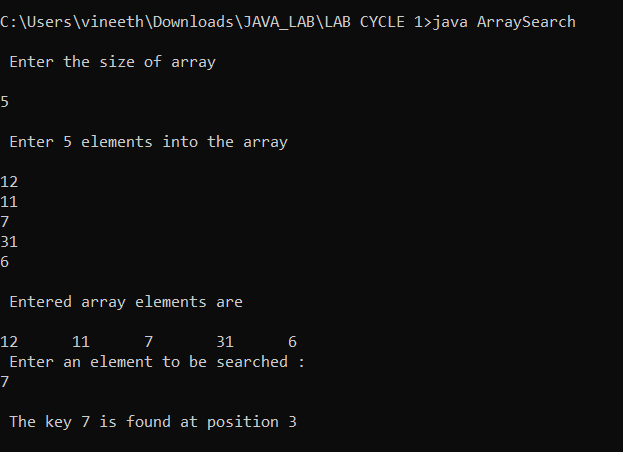
else

System.out.println("\n Key is not present in the array\n");

}

}

**Output Screenshot**

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