

```
1 import java.io.*;
2
3 public class question63
4 {
5     int find(int arr[], int n)
6     {
7         boolean flag=false;
8         for(int i=0;i<arr.length;i++)
9         {
10             if(arr[i]==n)
11             {
12                 flag=true;
13                 break;
14             }
15         }
16
17         if(flag==true)
18         {
19             return 1;
20         }
21         else
22         {
23             return 0;
24         }
25     }
26
27     public static void main(String args[])throws IOException
28     {
29         question63 ob=new question63();
30
31         InputStreamReader read=new InputStreamReader(System.in);
32         BufferedReader in=new BufferedReader(read);
33
34         int arr[]=new int[10];
35         for(int i=0;i<10;i++)
36         {
37             System.out.print("Enter element number "+(i+1)+"->");
38             arr[i]=Integer.parseInt(in.readLine());
39         }
40
41         System.out.print("Enter the number to be checked -> ");
42         int n=Integer.parseInt(in.readLine());
43
44         int x=ob.find(arr, n);
45         if(x==1)
46             System.out.println("The number was found in the array");
47         else
48             System.out.println("The number wasn't found in the array");
49
50     }
51 }
```