

Program to search an element in an array

```
import java.io.*;
class srch_arr
{
public static void main(String arg[])
{
int a[]=new int[10];
DataInputStream ins=new DataInputStream(System.in);
int i,n=0,q=0;

try
{
System.out.print("Enter no. of elements ");
n=Integer.parseInt(ins.readLine());

System.out.println("Enter elements ");
for(i=0;i<n;i++)
{
a[i]=Integer.parseInt(ins.readLine());
}
System.out.println("Enter element to be searched ");
q=Integer.parseInt(ins.readLine());
}
catch(IOException e)
{
}
}
```

```
for(i=0;i<n;i++)
{
    if(a[i]==q)
        System.out.println("Element found at "+(i+1)+" position");
    }
}
```

Output:

```
C:\Documents and Settings\Administrator\Desktop\java\New Folder>java srch_arr
Enter no. of elements 5
Enter elements
2
8
4
0
1
Enter element to be searched
8
Element found at 2 position
```