

```
    /**** Program to Search an Element in an Array *****/
```

```
import java.io.*;
```

```
class ArrayS
```

```
{
```

```
    int a[], i, j, m, n, x, y, item;
```

```
    int count = 0;
```

```
    void search1()
```

```
    {
```

```
        try
```

```
        {
```

```
            DataInputStream dts=new DataInputStream(System.in);
```

```
            System.out.println("Enter size of Array A:");
```

```
            m = Integer.parseInt(dts.readLine());
```

```
            a = new int[m];
```

```
            System.out.println("Enter elements of array A:");
```

```
            for(i=0;i<m;i++)
```

```
                a[i]=Integer.parseInt(dts.readLine());
```

```
            System.out.println("Enter element you want to  
                                search:");
```

```
            item=Integer.parseInt(dts.readLine());
```

```
        }
```

```
        catch(Exception s)
```

```
        {
```

```
            System.out.println(s.getMessage());
```

```
        }
```

```
        for(i=0;i<m;i++)
```

```
        {
```

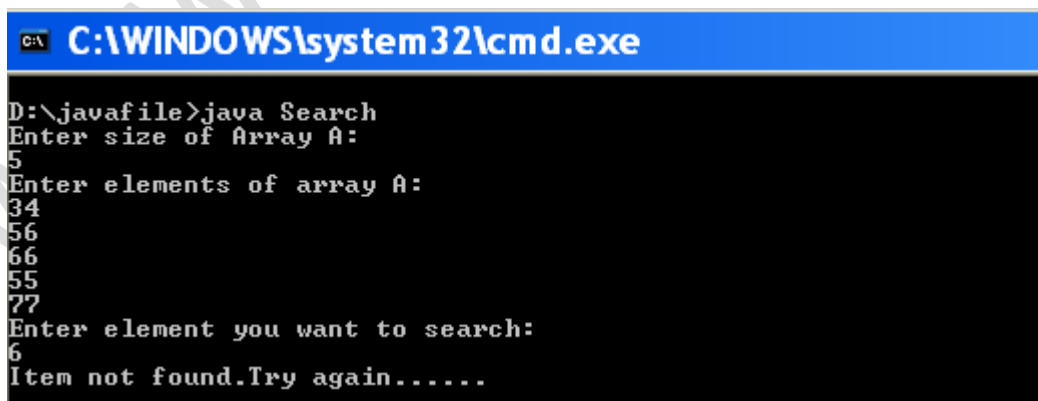
```
            if(a[i] == item)
```

```
            {
```

```
        System.out.println("Item is Found a location"
                            + i);
        count++;
        break;
    }
}
if(count == 0)
    System.out.println("Item not found. Try again..." );
}
}

class Search
{
    public static void main(String arg[])
    {
        ArrayS a1 = new ArrayS();
        a1.search1();
    }
}
```

Output:



```
C:\WINDOWS\system32\cmd.exe
D:\javafile>java Search
Enter size of Array A:
5
Enter elements of array A:
34
56
66
55
77
Enter element you want to search:
6
Item not found. Try again.....
```