

Co2-2 Search an element in an array

```
import java.util.*;
class search
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        int i,n,search,flag=0;
        System.out.println("Enter the number of
elements in the array:");
        n = sc.nextInt();
        int[] a = new int[n];
        System.out.println("Enter the elements");
        for(i=0;i<n;i++)
        {
            a[i] = sc.nextInt();
        }
        System.out.println("Enter the element to be
seached:");
        search = sc.nextInt();
        for(i=0;i<n;i++)
        {
            if(a[i]==search)
            {
                System.out.println("Element "+search+"
found at "+i+" position");
                flag=1;
            }
        }
    }
}
```

```
break;
```

```
}
```

```
}
```

```
if(flag==0)
```

```
{
```

```
System.out.println("Element "+search+" not  
found");
```

```
}
```

```
}
```

```
}
```

Output:-

Enter the number of elements in the array:5

Enter the elements:

1 4 5 7 8

Enter the element to be seached:

4

Element 4 found at 1 position