

```
package com.company;
```

```
class LinearSearch
```

```
{
```

```
    public static int search(int a[], int x)
```

```
    {
```

```
        int n = a.length;
```

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

```
        {
```

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

```
                return i;
```

```
        }
```

```
        return -1;
```

```
    }
```

```
    public static void main(String args[])
```

```
    {
```

```
        int x[] = { 5,25,90,24 };
```

```
        int v = 90;
```

```
        int result = search(x, v);
```

```
        if(result == -1)
```

```
            System.out.print("Element is not available in array");
```

```
        else
```

```
            System.out.print("Element found at index " + result);
```

```
    }
```

```
}
```