

```
int main ( )
```

```
{  
    int i, n, key;
```

```
    printf ( "enter the size of array : \n" );
```

```
    scanf ( "%d", &n );
```

```
    int arr [n];
```

```
    printf ( "Enter the elements to the array : \n" );
```

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

```
        scanf ( "%d", &arr [i] );
```

```
    selection sort ( arr, n );
```

```
    printf ( "Enter the key element to search " );
```

```
    scanf ( "Enter the key element to search " );
```

```
    scanf ( "%d", &key );
```

```
    binary search ( arr, key, 0, n );
```

```
}
```