

```
#include<stdio.h>
#include<stdlib.h>
#include<string.h>
int main(int argc, char *argv[], char *en[])
{
    int i,j,c,arr[argc],ele;

    for(j=0;j<argc-1;j++)
    {
        int n=atoi(argv[j]);
        arr[j]=n;
    }

    ele=atoi(argv[j]);
    i=0;j=argc-1;
    c=(i+j)/2;
    while(arr[c]!=ele && i<=j)
    {
        if(ele>arr[c])
            i=c+1;
        else
            j=c-1;
        c=(i+j)/2;
    }
    if(i<=j)
        printf("\n Element found in given array");
    else
        printf("\n Elements not found in given array");
    return 0;
}
```

```
/*
[kiosk@foundation5 ~]$ gcc s2a.c -o first
[kiosk@foundation5 ~]$ gcc s2b.c -o second
[kiosk@foundation5 ~]$ ./first ./second
```

```
Enter the size of array
6
```

```
Enter the numbers
```

```
6
8
4
9
6
0
```

```
Elements entered are
684960
```

```
Sorted elements are
:046689
```

```
Enter element to search:6
```

```
Element found in given array[kiosk@foundation5 ~]$
*/
```