

C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled1.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int a[100], n, s, l = 0, h, m;
5     printf("Size: ");
6     scanf("%d", &n);
7     printf("Sorted elements: ");
8     for(int i = 0; i < n; i++) scanf("%d", &a[i]);
9     printf("Search: ");
10    scanf("%d", &s);
11    h = n - 1;
12    while(l <= h) {
13        m = (l + h) / 2;
14        if(a[m] == s) {
15            printf("Found at %d\n", m);
16            return 0;
17        } else if(s < a[m])
18            h = m - 1;
19        else
20            l = m + 1;
21    }
22    printf("Not found\n");
23    return 0;
24 }
25
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.exe
- Output Size: 128.2705078125 KiB
- Compilation Time: 0.33s

☐ Shorten compiler paths

Line: 25 Col: 1 Sel: 0 Lines: 25 Length: 548 Insert Done parsing



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C:\Users\Deekshitha Reddy\O

```
Size: 5
Sorted elements: 4
10
20
30
40
Search: 40
Found at 4
```

```
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Process exited after 15.85 seconds with return value 0
Press any key to continue . . .
```