

C:\Users\mudir\OneDrive\Documents\DS9.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class DS8.cpp DS9.cpp

```
2
3 int main() {
4     int arr[100], n, i, key, low, high, mid, found = 0;
5
6     printf("Enter number of elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements in ascending order:\n", n);
10    for(i = 0; i < n; i++)
11        scanf("%d", &arr[i]);
12
13    printf("Enter element to search: ");
14    scanf("%d", &key);
15
16    low = 0;
17    high = n - 1;
18
19    while(low <= high) {
20        mid = (low + high) / 2;
21        if(arr[mid] == key) {
22            printf("Element found at position %d\n", mid + 1);
23            found = 1;
24            break;
25        }
26        else if(arr[mid] < key)
27            low = mid + 1;
28        else
29            high = mid - 1;
30    }
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler path

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mudir\OneDrive\Documents\DS9.exe
- Output Size: 323.453125 KiB
- Compilation Time: 0.20s

Line: 37 Col: 1 Sel: 0 Lines: 37 Length: 783 Insert Done parsing in 0 seconds

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Search

ENG IN

16:14 16-10-2025

C:\Users\mudir\OneDrive\Documents\DS9.exe

Enter number of elements: 6
Enter 6 elements in ascending order:
10 20 30 40 50 60
Enter element to search: 30
Element found at position 3

Process exited after 13.78 seconds with return value 0
Press any key to continue . . . |