

C:\Users\mudir\OneDrive\Documents\DS18.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

DS7.cpp DS18.cpp

```
25 void quickSort(int arr[], int low, int high) {
26     if (low < high) {
27         int pi = partition(arr, low, high);
28         quickSort(arr, low, pi - 1);
29         quickSort(arr, pi + 1, high);
30     }
31 }
32
33 int main() {
34     int arr[100], n;
35
36     printf("Enter number of elements: ");
37     scanf("%d", &n);
38
39     printf("Enter %d elements:\n", n);
40     for (int i = 0; i < n; i++)
41         scanf("%d", &arr[i]);
42
43     quickSort(arr, 0, n - 1);
44
45     printf("Sorted array (Quick Sort):\n");
46     for (int i = 0; i < n; i++)
47         printf("%d ", arr[i]);
48     printf("\n");
49
50     return 0;
51 }
52
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler pat

Errors: 0  
Warnings: 0  
Output Filename: C:\Users\mudir\OneDrive\Documents\DS18.exe  
Output Size: 324.22265625 KiB  
Compilation Time: 0.19s

Line: 52 Col: 1 Sel: 0 Lines: 52 Length: 1102 Insert Done parsing in 0 seconds

C:\Users\mudir\OneDrive\Doi

Enter number of elements: 5  
Enter 5 elements:  
23 98 65 778 32  
Sorted array (Quick Sort):  
23 32 65 98 778

-----  
Process exited after 9.401 seconds with return value 0  
Press any key to continue . . .