

C:\Users\badat\OneDrive\Documents\dev c++\linear search.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 Classes Debug insertion.cpp x [*] linear search.cpp x

```
1 include <stdio.h>
2 int main()
3 {
4     int array[100], search, c, n;
5
6     printf("Enter number of elements in array\n");
7     scanf("%d", &n);
8
9     printf("Enter %d integer(s)\n", n);
10
11    for (c = 0; c < n; c++)
12        scanf("%d", &array[c]);
13
14    printf("Enter a number to search\n");
15    scanf("%d", &search);
```

C:\Users\badat\OneDrive\Documents\dev c++\linear search.exe

Enter number of elements in array
5
Enter 5 integer(s)
3 45 6 7 8
Enter a number to search
8
8 is present at location 5.

Process exited after 44.09 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\badat\OneDrive\Documents\dev c++\linear se

Line: 1 Col: 1 Sel: 0 Lines: 29 Length: 556 Insert Done parsing in 0 seconds

ENG IN 14:01 20-09-2022 2

C:\Users\badat\OneDrive\Documents\dev c++\binary search.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 Classes Debug insertion.cpp linear search.cpp binary search.cpp

```
23 |     first = middle + 1;
24 | else if (array[middle] == search) {
25 |     printf("%d found at location %d.\n", search, middle+1);
26 |     break;
27 | }
28 | else
29 |     last = middle - 1;
30 |
31 |     middle = (first + last)/2;
32 |
33 | if (first > last)
34 |     printf("Not found! %d isn't present in the list.\n", search);
35 |
36 | return 0;
37 }
```

6
Enter 6 integers
8 9 0 7 6 5
Enter value to find
0
0 found at location 3.

Process exited after 14.98 seconds with return value
0
Press any key to continue . . .

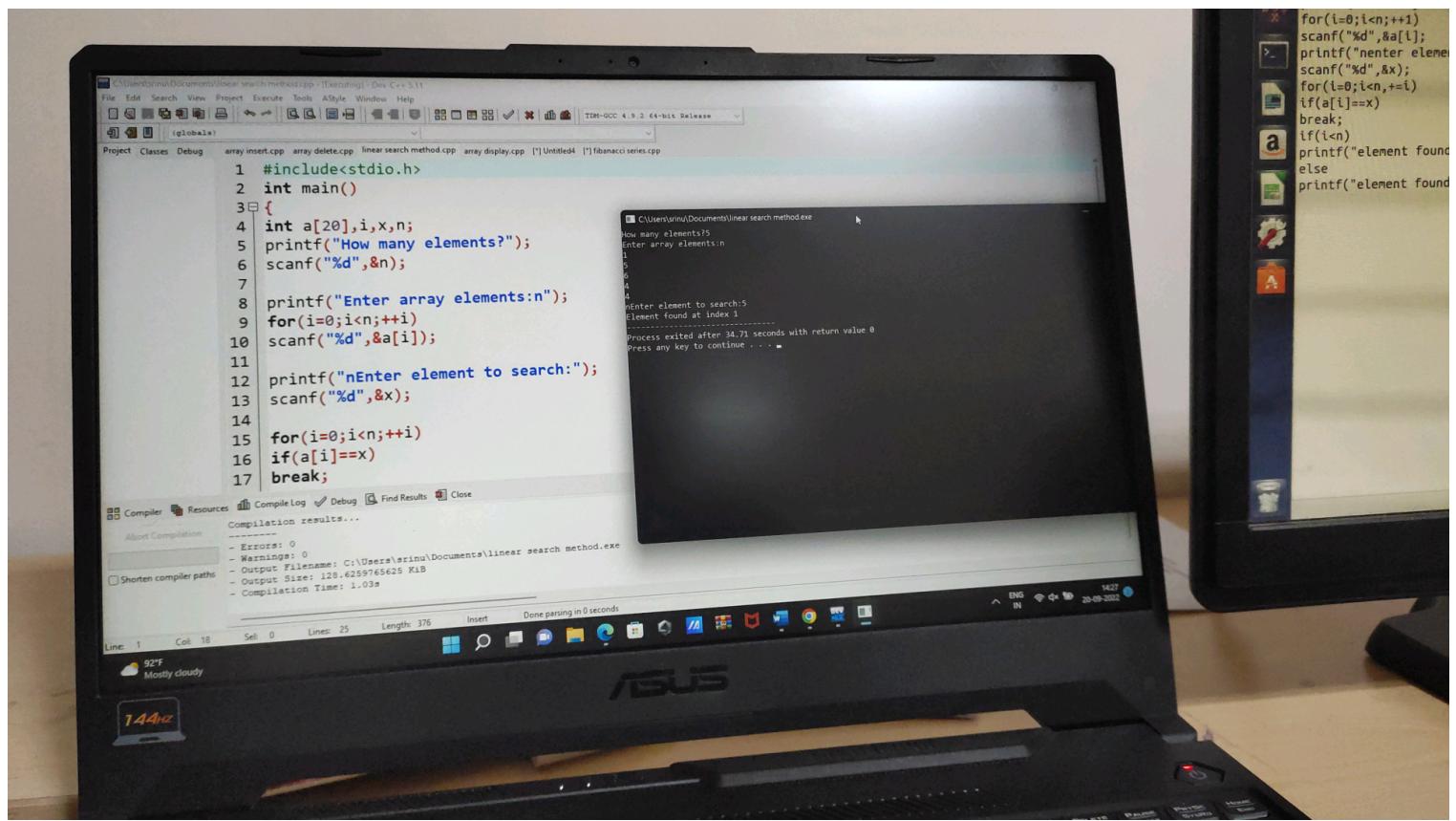
Compiler Resources Compile Log Debug Find Results Console Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\badat\OneDrive\Documents\dev c++\binary search.exe
- Output Size: 353.689453125 KiB
- Compilation Time: 0.30s

Line: 37 Col: 2 Sel: 0 Lines: 37 Length: 766 Insert Done parsing in 0.015 seconds

14:06 20-09-2022



C:\Users\srinu\Documents\16.arrange seres using insertion sort.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

Project Classes Debug 16.arrange seres using insertion sort.cpp

```
12 |           a[j+1] = a[j];
```

C:\Users\srinu\Documents\16.arrange seres using insertion sort.exe

Before sorting array elements are -
12 31 25 8 32 17
After sorting array elements are -
8 12 17 25 31 32

Process exited after 6.434 seconds with return value 0
Press any key to continue . . .

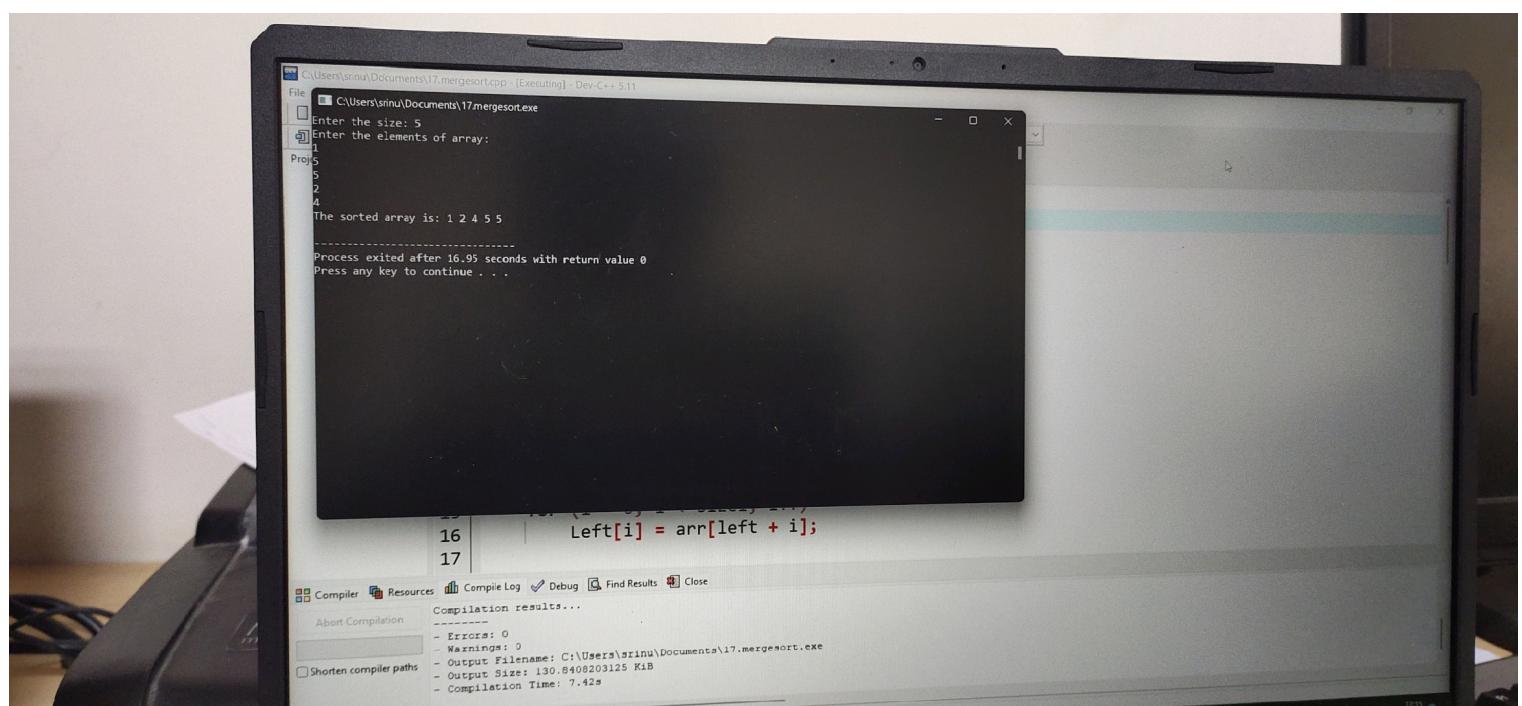
Compiler Resource

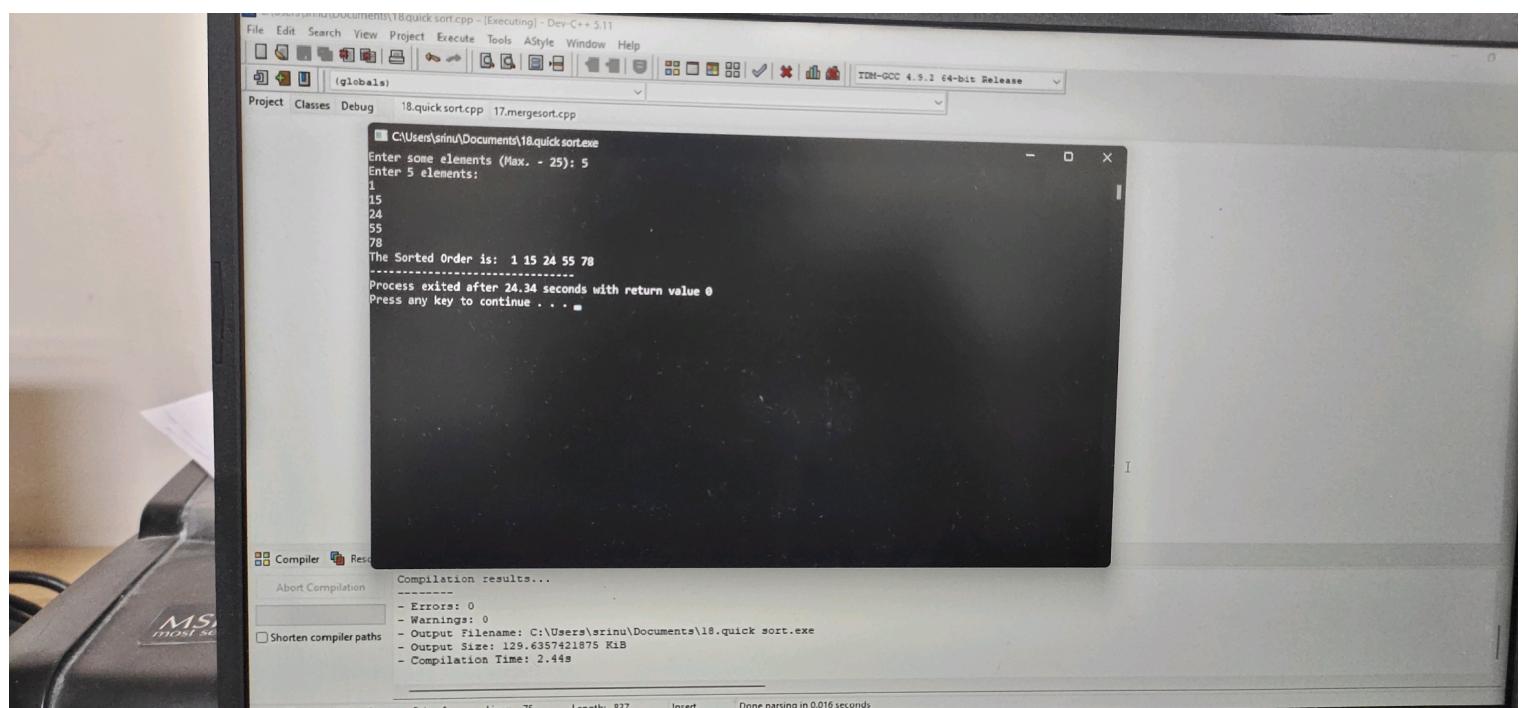
Abort Compilation

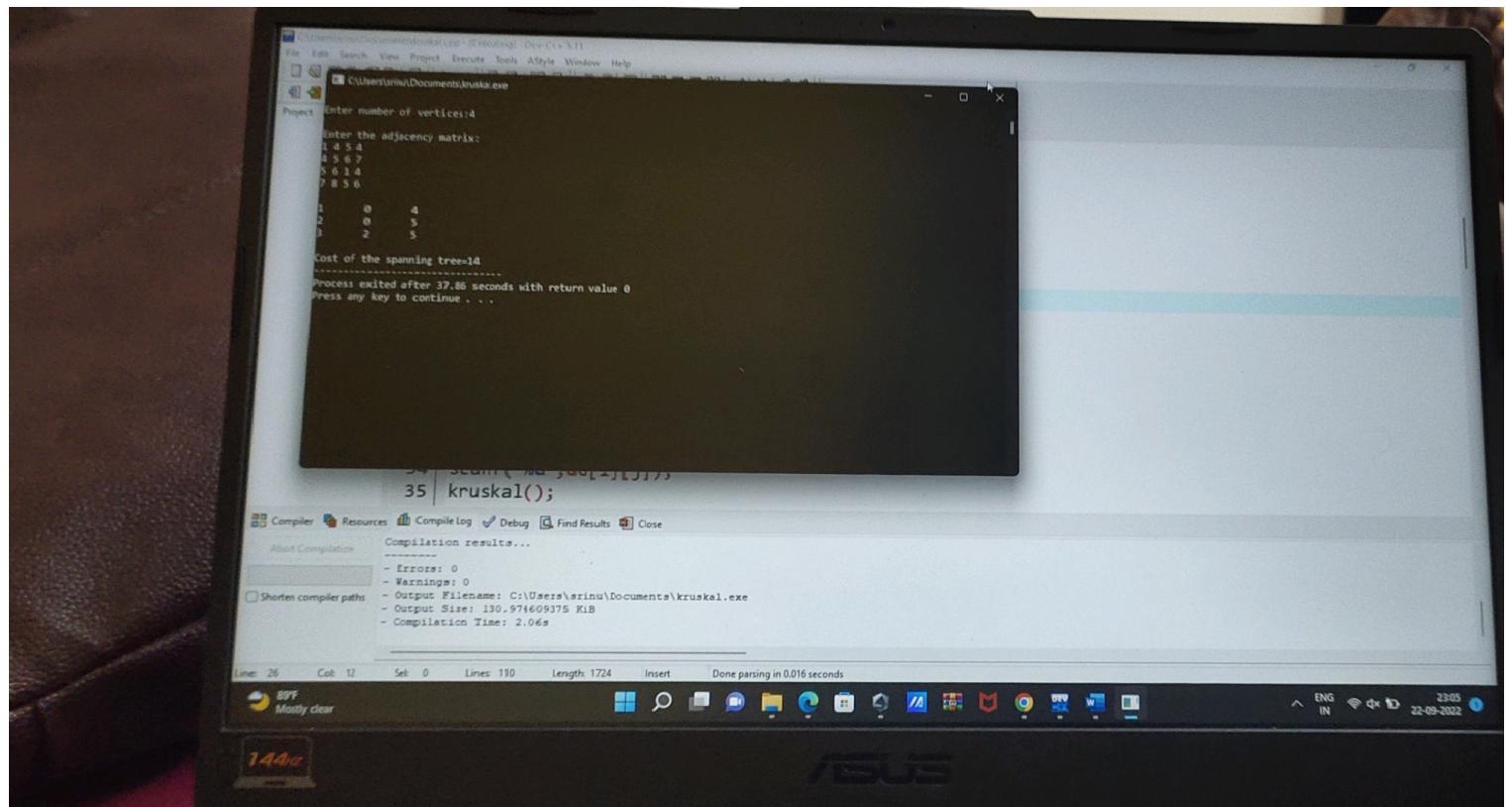
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\srinu\Documents\16.arrange seres using insertion sort.exe
- Output Size: 129.2041015625 KiB
- Compilation Time: 3.80s

Line: 10 Col: 38 Sel: 0 Lines: 37 Length: 810 Insert Done parsing in 0.015 seconds

11:44 ENG IN 22-09-2022







C:\Users\Josh\Desktop\FACTORIAL WITHOUT RECURSION.cpp - [F1] - [Untitled] - Code::Blocks Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(global)

Classes Del * FACTORIAL WITHOUT RECURSION.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     if (fopen("C:/Users/Josh/Desktop/FACTORIAL WITHOUT RECURSION.exe", "w"))
5     {
6         printf("Enter a number: ");
7         scanf("%d", &n);
8         printf("Factorial of %d is: %d\n", n, fact(n));
9     }
10    return 0;
11 }
12
13 }
```

Process exited after 2.196 seconds with return value 0

Press any key to continue . . .

Compiler (6) Resources

Short Compiler Path

- Errors: 0
- Warnings: 0
- Output Filename: C:/Users/Josh/Desktop/FACTORIAL WITHOUT RECURSION.exe
- Output Size: 322.01042194075 KB
- Compilation Time: 0.47s

Line: 13 Col: 1 Set: 0 Lines: 13 Length: 216 Insert Done parsing in 0.016 seconds

Type here to search

C:\Users\Josh\Desktop\FIBONACCI WITHOUT RECURSION\Debug - [Executing] - Embedded Dev-C++ 6.1

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(global)

Classes Del

1 C:\Users\Josh\Desktop\FIBONACCI WITHOUT RECURSION\Debug

```
2
Fibonacci series
0
1
2

Process exited after 7.601 seconds with return value 0
Press any key to continue . . .
```

Compiler (6) Resources Compile Log Debug Find Results Console Close

Short Compliance

- Errors: 0
- Warnings: 0
- Output filename: C:\Users\Josh\Desktop\FIBONACCI WITHOUT RECURSION.exe
- Output size: 120.010615 KB
- Compilation time: 0.41s

Line 30 Col: 2 Set: 0 Lines: 30 Length: 424 Insert Done parsing in 0.015 seconds

Type here to search

ENG 11:35 AM IN 9/20/2022

C:\Users\srinu\Documents\mst\prim.cpp -- executing: Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

Project Classes C:\Users\srinu\Documents\mst\prim.exe

```
Edge Weight
0 - 1 2
1 - 2 3
0 - 3 6
1 - 4 5
```

Process exited after 11.32 seconds with return value 0
Press any key to continue . . .

},
, 9, 0 }, },

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\srinu\Documents\mst\prim.exe
- Output Size: 129.2021484375 Kib

Shorten compiler paths

The screenshot shows the Dev-C++ IDE interface. The top menu bar includes File, Edit, Search, View, Project, Debug, Tools, ASyntax, Window, Help, and TDM-GCC 9.2.0 64-bit Release. The main window displays a terminal-like console with the following text:

```
Project: C:\Users\Josh\Desktop\MATRIX MULTIPLICATION\Matrix Multiplication
C:\Users\Josh\Desktop\MATRIX MULTIPLICATION\Matrix Multiplication> enter the number of rows:3
enter the number of columns:4
enter the first matrix elements:
2 5
enter the second matrix elements:
multiply of the matrices:
-51547299 -12970645 -1099446142 211816142
1441665839 1673414169 -2108346591 8
3319186989 0 15 8
14651708 0 2 8
1462152215 98289 148936495 1048416

Process exited after 11.42 seconds with return value 0
Press any key to continue . . .
```

The code editor at the bottom shows the following C++ code:

```
47
48 return R;
49
```

The status bar at the bottom indicates the current file is "Matrix Multiplication.c" and the build log tab is active.

The screenshot shows the Embarcadero Dev C++ 6.3 IDE interface. The title bar displays the path "C:\Users\Shrawan\OneDrive\Documents\ARRAY OPERATIONS.DS.cpp [Executing] - Embarcadero Dev C++ 6.3". The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help. The toolbar contains various icons for file operations. The top status bar shows "TDM-GCC 9.2.0 32-bit Release". The main window has tabs for "ARRAY OPERATIONS.cpp", "ARRAY OPERATIONS.cpp", and "ARRAY OPERATION.DS.cpp". The bottom status bar shows "Line: 45 Col: 45 Sel: 0 Lines: 45 Length: 948 Insert" and "Done parsing in 0.016 seconds". A terminal window is open, showing the following output:

```
21 C:\Users\Shrawan\OneDrive\Documents\ARRAY OPERATIONS.DS.exe
22 Enter array size:5
23 Enter elements:3
24 5
25 6
26 7
27 8
28 9
29
30 Enter the position to be inserted:3
31 Enter the element to be inserted:9
32 Array after insertion is:
33 8
34 5
35 9
36 6
37 7
38 9
39 Enter the position to be deleted:2
40
41 Array after deletion :
42 8
43 9
44 6
45 7
46
47
48
49 Compiler (2) | Re...
50 Enter element :2
51
52 Process exited after 54.44 seconds with return value 0
53 Press any key to continue . . .
54 | Shorten compiler output
```

The terminal window also has a "Compiler (2)" tab and a "Re..." button. The status bar at the bottom right shows the date and time as "02:37 PM 21-09-2022".

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 32-bit Release

(globals)

Project C LINEAR SEARCH.DS.cpp

```
1 C:\Users\Shravani - Home\OneDrive\Documents\LINEAR SEARCH.DS.exe
2 Enter number of elements in array
3 3
4 Enter 3 integer(s)
5 56
6 78
7 76
8 Enter a number to search
9 78
10 78 is present at location 2.
11
12 -----
13 Process exited after 29.87 seconds with return value 0
14 Press any key to continue . . .
15
16
17
18
19
20
21
22
23
```

Compiler Resources

Abort Compilation

[Shorten compiler p

Line: 23 Col: 2 Sel: 0 Lines: 23 Length: 506 Insert Done parsing in 0.234 seconds

Type here to search

DEV C++ 2 34°C 10:01 PM 21-09-2022

C:\Users\Gravani - Hema\OneDrive\Documents\BINARY SEARCH METHOD0.cpp [Executing] Embarcadero Dev C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 32-bit Release

(globals)

Project C → [] ARRAY OPERATIONS.cpp | ARRAY OPERATIONS.cpp | ARRAY OPERATIONDS.cpp | BINARY SEARCH METHOD0.cpp

MINIMUM SPANNING PRISM ALGORITHM.cpp | PRISM ALOCRITHM.cpp

```
13 // C:\Users\Gravani - Hema\OneDrive\Documents\BINARY SEARCH METHOD0.exe
14
15 Enter number of elements
16 5
17
18 Enter 5 integers
19 3
20 7
21 8
22 9
23 6
24 Enter value to find
25 7
26 7 found at location 2.
27
28
29 -----
30 Process exited after 21.82 seconds with return value 8
31 Press any key to continue . . .
32
33
34
35 re
36
```

Compiler (?) Resources

Abort Compilation

[Shorten compiler path]

Line: 36 Col: 2 Sel: 0 Lines: 36 Length: 762 Insert Done parsing in 0.016 seconds

Type here to search

Windows Taskbar: 35°C, 10:51 PM, 21-09-2022, 14

C:\Users\Josh\Desktop\STACK OPERATIONS.cpp - [Decoding] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AS Style Window Help

TDM-GCC 9.2.0 64-bit Release

Classes Del + STACK OPERATIONS.cpp X

```
54
55     void Pop()
56 {
57     // C:\Users\Josh\Desktop\STACK OPERATIONS.exe
58     Operations performed by Stack
59     1.Push the element
60     2.Pop the element
61     3.Show
62     4.Exit
63
64     Enter the choice:3
65 }
66 Underflow!
67 Operations performed by Stack
68 1.Push the element
69 2.Pop the element
70 3.Show
71 4.Exit
72
73 Enter the choice:
74
75
76
77
78
79
80
81
82
```

Compiler (5) Resources

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\STACK OPERATIONS.exe
- Output Size: 324.0712890625 kB
- Compilation time: 0.39s

Shorten compiler path

Line: 82 Col: 2 Set: 0 Lines: 82 Length: 1134 Insert Done parsing in 0.015 seconds

Type here to search

21°C 🔍 ⚡ ENG 10:50 AM IN 9/20/2022 📰

C:\Users\Josh\Desktop\STACK NOTATIONS.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

C:\Users\Josh\Desktop\STACK NOTATIONS.exe

Operations performed by Stack
1.Push the element
2.Pop the element
3.Show
4.End

Enter the choice:2

Underflow!!

Operations performed by Stack
1.Push the element
2.Pop the element
3.Show
4.End

Enter the choice:2

Underflow!!

Operations performed by Stack
1.Push the element
2.Pop the element
3.Show
4.End

Enter the choice:

80 | printf("%d\n",inp_array[1]);
81 | }
82 | }

Compiler (5) Resources Compile Log Debug Find Results Console Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\STACK NOTATIONS.exe
- Output Size: 324.0703125 kB
- Compilation time: 0.41s

Line: 82 Col: 2 Set: 0 Lines: 82 Length: 1119 Insert Done parsing in 0.031 seconds

Type here to search

C:\Users\Josh\Desktop\HASHING LINEAR PROBING\cop - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools Style Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Classes Del HASHING LINEAR PROBING.cpp X

```
55 printf("\nElements in the hash table are \n");
56
57 for(i=0;i< TABLE_SIZE; i++)
58 {
59     C:\Users\Josh\Desktop\HASHING LINEAR PROBING\cop
60 }
61 }1
62
63 Enter a value to insert into hash table
64 5
65
66 Press 1. Insert 2. Display 3. Search 4.Exit
67 2
68
69 elements in the hash table are
70
71 at Index 0    value = 0
72 at index 1    value = 0
73 at index 2    value = 0
74 at index 3    value = 0
75 at index 4    value = 0
76 at index 5    value = 5
77 at index 6    value = 0
78 at index 7    value = 0
79 at index 8    value = 0
80 at index 9    value = 0
81
82 Press 1. Insert 2. Display 3. Search 4.Exit
83 3
84
85 enter search element
86 8
87
88 value is not found
89
90 }
```

Compiler (6) Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler path

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\HASHING LINEAR PROBING.exe
- Output Size: 324.0830078125 kB
- Compilation time: 0.39s

Line: 83 Col: 2 Set: 0 Lines: 83 Length: 1479 Insert Done parsing in 0.015 seconds

Type here to search

C:\Users\Josh\Desktop\QUICK SORT.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools Style Window Help

TDM-GCC 9.2.0 64-bit Release

Classes Del + QUICK SORT.cpp

```
23 if(start < end)
24 {
25     int pIndex = partition(arr, start, end);
26
27     Enter Array Size
28     2
29 } Enter Array Elements
30 13
31 { 5606
32 After the QuickSort
33 3 5656
34
35
36 Process exited after 10.72 seconds with return value 0
37 Press any key to continue . . .
38
39
40
41
42
43
44
45 }
46 v
47 E
```

Compiler (5) Resource

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\QUICK SORT.exe
- Output Size: 324.22265625 Kib
- Compilation time: 0.39s

Type here to search

Line: 51 Col: 2 Set: 0 Lines: 51 Length: 1075 Insert Done parsing in 0.015 seconds

ENG 10:27 AM IN 9/20/2022

C:\Users\Shravani - Hemant\OneDrive\Documents\PRISM AI\XGRGIHM.cpp [Executing] Embarcadero Dev C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 32-bit Release

Project C:\ Enter no. of vertices:3

Enter the adjacency matrix:

```
5  
7  
6  
5  
4  
4  
4  
5  
6
```

spanning tree matrix:

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

Total cost of spanning tree=11

Process exited after 27.86 seconds with return value 0

Press any key to continue . . .

Compiler (0 errors)

Abort Continue

- Output filename: C:\Users\Shravani - Hemant\OneDrive\Documents\PRISM AI\XGRGIHM.exe
- Output Size: 295.982421875 Kib
- Compilation Time: 0.66s

Type here to search

Line: 79 Col: 2 Sel: 0 Lines: 79 Length: 1361 Insert Done parsing in 0.125 seconds

Windows Taskbar: 35°C 10:46 PM 21-09-2022

C:\Users\Josh\Desktop\FACTORIAL.cpp - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools Style Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Data FACTORIAL.cpp

```
1 #include<stdio.h>
2 long int multiplyNumbers(int n);
3 int main() {
4     #include<csio.h>
5     Enter a positive integer: 5
6     Factorial of 5 = 120
7
8     Process exited after 1.817 seconds with return value 0
9 } Press any key to continue . . .
```

Compiler Resources

Abort Compilation

Shorten compiler path

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\FACTORIAL.exe
- Output Size: 322.852265625 KB
- Compilation time: 0.34s

Line: 16 Col: 2 Set: 0 Lines: 16 Length: 344 Insert Done parsing in 0.062 seconds

Type here to search

22°C ENG 1:26 PM IN 9/20/2022

File Edit Search View Project Execute Tools Style Window Help

LINKED LIST.cpp (globals)

LINKED LIST.cpp

```
145
146 // C:\Users\Umesh\Desktop\LINKED LIST
147 // Insert an element at the beginning of linked list.
148 // Insert an element at the end of linked list.
149 // Traverse linked list.
150 // Delete an element from beginning.
151 // Delete an element from end.
152 // Exit
153 // Enter value of element
154 // Insert an element at the beginning of linked list.
155 // Insert an element at the end of linked list.
156 // Traverse linked list.
157 // Delete an element from beginning.
158 // Delete an element from end.
159 // Exit
160
161
162
163
164
165
166
167
```

Compiler (8) Resources Compiling Debug Find Results Compiler Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output: Filenames: C:\Users\Umesh\Desktop\LINKED LIST.exe
- Size: 225,170,000,4375 kB
Compilation time: 0.14s

Line: 161 Col: 2 Sel: 0 Lines: 161 Length: 2896 Insert Done parsing in 0.031 seconds

File Edit Search View Project Execute Tools ASStyle Window Help

C:\Users\Josh\Desktop\SHORTEST DISTANCE DIJKSTRAS ALGORITHM\app - [Executing] - Embarcadero Dev-C++ 6.0

Enter no. of vertices:5

Enter the adjacency matrix:
4*5

Enter the starting node:

Process exited after 9.34 seconds with return value 3221225477
Press any key to continue . . .

```
75 printf("%d",j);  
76 }while(j!=startnode);  
77 }  
78 }
```

Compiler (5) Resources Compile Log Debug Find Results Console Close

Abort Compilation
Shorten compiler path

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Josh\Desktop\SHORTEST DISTANCE DIJKSTRAS ALGORITHM.exe
- Output Size: 324.05125 Kib
- Compilation time: 0.39s

Type here to search

Line: 78 Col: 2 Set: 0 Lines: 78 Length: 1353 Insert Done parsing in 0.031 seconds

ENG 10:32 AM IN 9/20/2022

```
C:\Users\srinu\Documents\dfs.cpp - [Executing] - Dev-C++ 5.11
File C:\Users\srinu\Documents\dfs.exe
Project Graphs
Enter the no of edges:4
Enter the no of vertices:4
Enter the edges (format: V1 V2) : 1
4
Enter the edges (format: V1 V2) : 5
5
Enter the edges (format: V1 V2) : 4 5
Enter the edges (format: V1 V2) : 2 4
0 0 0 1
0 0 0 1
0 0 0 0
0 0 0 0
Enter the source: 0
0->
-----
Process exited after 44.14 seconds with return value 0
Press any key to continue . . .
```

C:\Users\srujan\Documents\bfs.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
C:\Users\srujan\Documents\bfs.exe
Project
Enter the number of vertices:4
Enter graph data in matrix form:
4 5 6 4
1 2 3 4
7 8 6 5
1 4 3 5
Enter the starting vertex:4
The node which are reachable are:
1 2 3 4
Process exited after 73.08 seconds with return value 0
Press any key to continue . . .