

FileEditSelectionViewGoRunTerminalHelp

EXPLOREROPEN EDITOR...char and bool.cppif_else.cppif-else.cppif-else if-else.cppcomparing_float...conditions.cpppractice.cppdsaassign1linear...dsaassign1binar...CPPBinary_search.cppchar and bool.cppchar and bool.execomparing_floats.cppcomparing_floats.execonditions.cppconditions.execpp.cppcpp.exeCppProperties.jsonDataStructures book...dsaassign1.exedsaassign1binarysear...dsaassign1binarysear...dsaassign1linearsear...floating_point.cppfloating_point.exegettig input from a us...gettig input from a us...OUTLINETIMELINE

if-else.cppif-else if-else.cppcomparing_floats.cppconditions.cpppractice.cppdsaassign1linearsearch.cpp Xdsaassign1binarysearch.cpp

dsaassign1linearsearch.cpp > search(int [], int, int)

```
5     int i;
6     for (i = 0; i < n; i++)
7         if (arr[i] == x)
8             return i;
9     return -1;
10
11 }
12 int main()
13 {
14     int arr[] = { 3, 4, 1, 7, 5 };
15     int n = sizeof(arr) / sizeof(arr[0]);
16     int x = 5;
17
18     int index = search(arr, n, x);
19     if (index == -1)
20         cout << "Element is not present in the array";
21     else
22         cout << "Element found at position " << index;
23
24     return 0;
25 }
```

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

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Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\sanya\OneDrive\Desktop\CPP> & 'c:\Users\sanya\.vscode\extensions\ms-vscode.cpptools-1.17.5-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '-stdIn=Microsoft-MIEngine-In-23wmlaex.1ga' '--stdout=Microsoft-MIEngine-Out-ykr3433c.skf' '--stderr=Microsoft-MIEngine-Error-nyieuux1.mnx' '--pid=Microsoft-MIEngine-Pid-ukndbodq.obt' '--dbgExe=C:\msys64\mingw64\bin\gdb.exe' '--interpreter=mi'
Element found at position 4
PS C:\Users\sanya\OneDrive\Desktop\CPP> & 'c:\Users\sanya\.vscode\extensions\ms-vscode.cpptools-1.17.5-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '-stdIn=Microsoft-MIEngine-In-kr4gmykv.dnk' '--stdout=Microsoft-MIEngine-Out-5cgpsoba.hyg' '--stderr=Microsoft-MIEngine-Error-25eagclb.gmm' '--pid=Microsoft-MIEngine-Pid-wljsjfha.ctl' '--dbgExe=C:\msys64\mingw64\bin\gdb.exe' '--interpreter=mi'
Element found at position 4
PS C:\Users\sanya\OneDrive\Desktop\CPP>

Ln 10, Col 1 Spaces: 4 UTF-8 CRLF {} C++ Win32

```
1  #include <bits/stdc++.h>
2  using namespace std;
3  int search(int arr[], int n, int x)
4  {
5      int i;
6      for (i = 0; i < n; i++)
7          if (arr[i] == x)
8              return i;
9      return -1;
10
11 }
12 int main()
13 {
14     int arr[] = { 3, 4, 1, 7, 5 };
15     int n = sizeof(arr) / sizeof(arr[0]);
16     int x = 5;
17
18     int index = search(arr, n, x);
19     if (index == -1)
20         cout << "Element is not present in the array";
21     else
22         cout << "Element found at position " << index;
23
24     return 0;
25 }
```