File Edit Selection View Go Run Terminal Help   tower_of_hanoi.c - ada workspace (Workspace) - Visual Studio Code

EXPLORER   ···   C BFS.c   C top_sort.c   C+ topological_sort.cpp   C Merge_sort.c ●   C tower_of_hanoi.c ✕   C insetion_sort.c   ≡ Settings

∨ ADA WORKSPACE (WORKS...   lab programs > C tower_of_hanoi.c > ◈ main()
  ∨ lab programs   1   #include <stdio.h>
    C BFS.c   2   void toh(int num, char frompeg, char topeg, char auxpeg)
    ≡ BFS.exe
    C DFS.c   PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code   ∨ + ∨ ⊞ 🗑 ∧ ✕
    ≡ DFS.exe
    C fib.c   Windows PowerShell
    ≡ fib.exe   Copyright (C) Microsoft Corporation. All rights reserved.
    C insetion_sort.c
    ≡ insetion_sort.exe   Try the new cross-platform PowerShell https://aka.ms/pscore6
    C Merge_sort.c
    ≡ Merge_sort.exe   PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc tower_of_hanoi.c -o
    C tempCodeRunnerFil...   tower_of_hanoi } ; if ($?) { .\tower_of_hanoi }
    C test.c   Enter the number of disks : 4
    ≡ test.exe   The sequence of moves involved in the Tower of Hanoi are :
    C top_sort.c
    ≡ top_sort.exe   Move disk 1 from peg A to peg B
    C+ topological_sort.cpp   Move disk 2 from peg A to peg C
    ≡ topological_sort.exe   Move disk 1 from peg B to peg C
    C tower_of_hanoi.c   Move disk 3 from peg A to peg B
    ≡ tower_of_hanoi.exe   Move disk 1 from peg C to peg A
                                Move disk 2 from peg C to peg B
                                Move disk 1 from peg A to peg B
                                Move disk 4 from peg A to peg C
                                Move disk 1 from peg B to peg C
                                Move disk 2 from peg B to peg A
                                Move disk 1 from peg C to peg A
                                Move disk 3 from peg B to peg C
                                Move disk 1 from peg A to peg B
                                Move disk 2 from peg A to peg C
                                Move disk 1 from peg B to peg C
                               PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> █

> OUTLINE

⊗ 0 ⚠ 0   Ln 21, Col 2   Spaces: 4   UTF-8   CRLF   C   Win32

Search for anything   ENG   11:40
                                                                                                                                  27-05-2021

File   Edit   Selection   View   Go   Run   Terminal   Help

top_sort.c   topological_sort.cpp   Merge_sort.c ●   tower_of_hanoi.c   GCD_iterative.c ✕   insetion_sort.c   Settings

ADA WORKSPACE (WORKS...

lab programs > C GCD_iterative.c > ⊕ main()

```c
#include <stdio.h>
int main()
{
 int n1, n2, i, gcd;
  printf("Enter two integers: ");
 scanf("%d %d", &n1, &n2);
 for(i=1; i <= n1 && i <= n2; ++i)
    {
        if(n1%i==0 && n2%i==0)
            gcd = i;
    }
    printf("G.C.D of %d and %d is %d", n1, n2, gcd);
    return 0;
}
```

EXPLORER

∨ lab programs
  C BFS.c
  ≣ BFS.exe
  C DFS.c
  ≣ DFS.exe
  C fib.c
  ≣ fib.exe
  C GCD_iterative.c
  ≣ GCD_iterative.exe
  C insetion_sort.c
  ≣ insetion_sort.exe
  C Merge_sort.c
  ≣ Merge_sort.exe
  C tempCodeRunnerFil...
  C test.c
  ≣ test.exe
  C top_sort.c
  ≣ top_sort.exe
  ☾ topological_sort.cpp
  ≣ topological_sort.exe
  C tower_of_hanoi.c
  ≣ tower_of_hanoi.exe

> OUTLINE

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code

Windows PowerShell
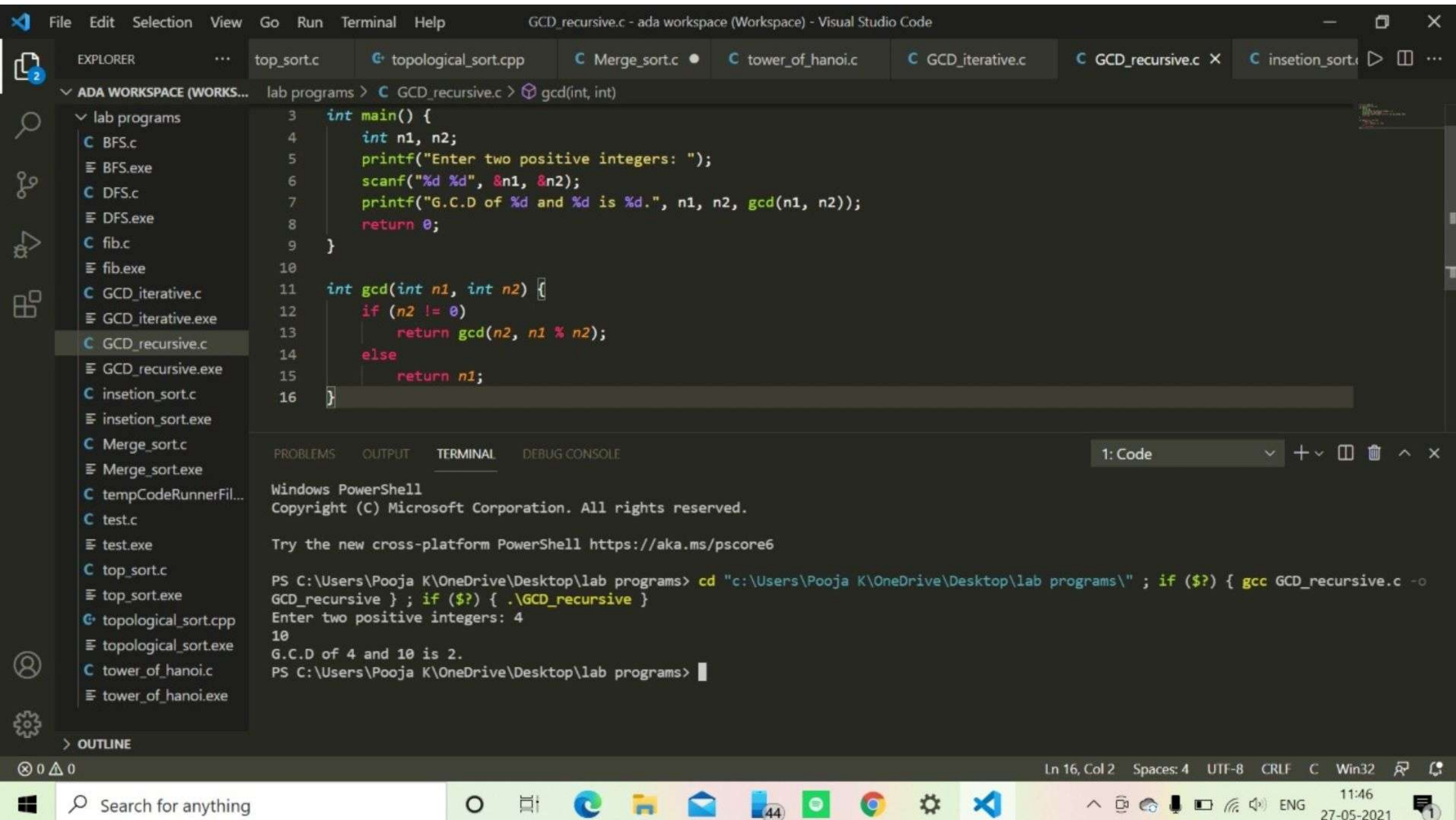Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc GCD_iterative.c -o
GCD_iterative } ; if ($?) { .\GCD_iterative }
Enter two integers: 4
10
G.C.D of 4 and 10 is 2
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> []

Ln 14, Col 2   Spaces: 4   UTF-8   CRLF   C   Win32

Search for anything

11:44
27-05-2021

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER   ···   top_sort.c   topological_sort.cpp   Merge_sort.c ●   tower_of_hanoi.c   GCD_iterative.c   GCD_recursive.c ✕   insetion_sort.c

∨ ADA WORKSPACE (WORKS...   lab programs > C GCD_recursive.c > 🔗 gcd(int, int)

∨ lab programs
   C BFS.c
   ≡ BFS.exe
   C DFS.c
   ≡ DFS.exe
   C fib.c
   ≡ fib.exe
   C GCD_iterative.c
   ≡ GCD_iterative.exe
   C GCD_recursive.c
   ≡ GCD_recursive.exe
   C insetion_sort.c
   ≡ insetion_sort.exe
   C Merge_sort.c
   ≡ Merge_sort.exe
   C tempCodeRunnerFil...
   C test.c
   ≡ test.exe
   C top_sort.c
   ≡ top_sort.exe
   C topological_sort.cpp
   ≡ topological_sort.exe
   C tower_of_hanoi.c
   ≡ tower_of_hanoi.exe

> OUTLINE

```c
 3    int main() {
 4        int n1, n2;
 5        printf("Enter two positive integers: ");
 6        scanf("%d %d", &n1, &n2);
 7        printf("G.C.D of %d and %d is %d.", n1, n2, gcd(n1, n2));
 8        return 0;
 9    }
10
11    int gcd(int n1, int n2) {
12        if (n2 != 0)
13            return gcd(n2, n1 % n2);
14        else
15            return n1;
16    }
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Code

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc GCD_recursive.c -o
GCD_recursive } ; if ($?) { .\GCD_recursive }
Enter two positive integers: 4
10
G.C.D of 4 and 10 is 2.
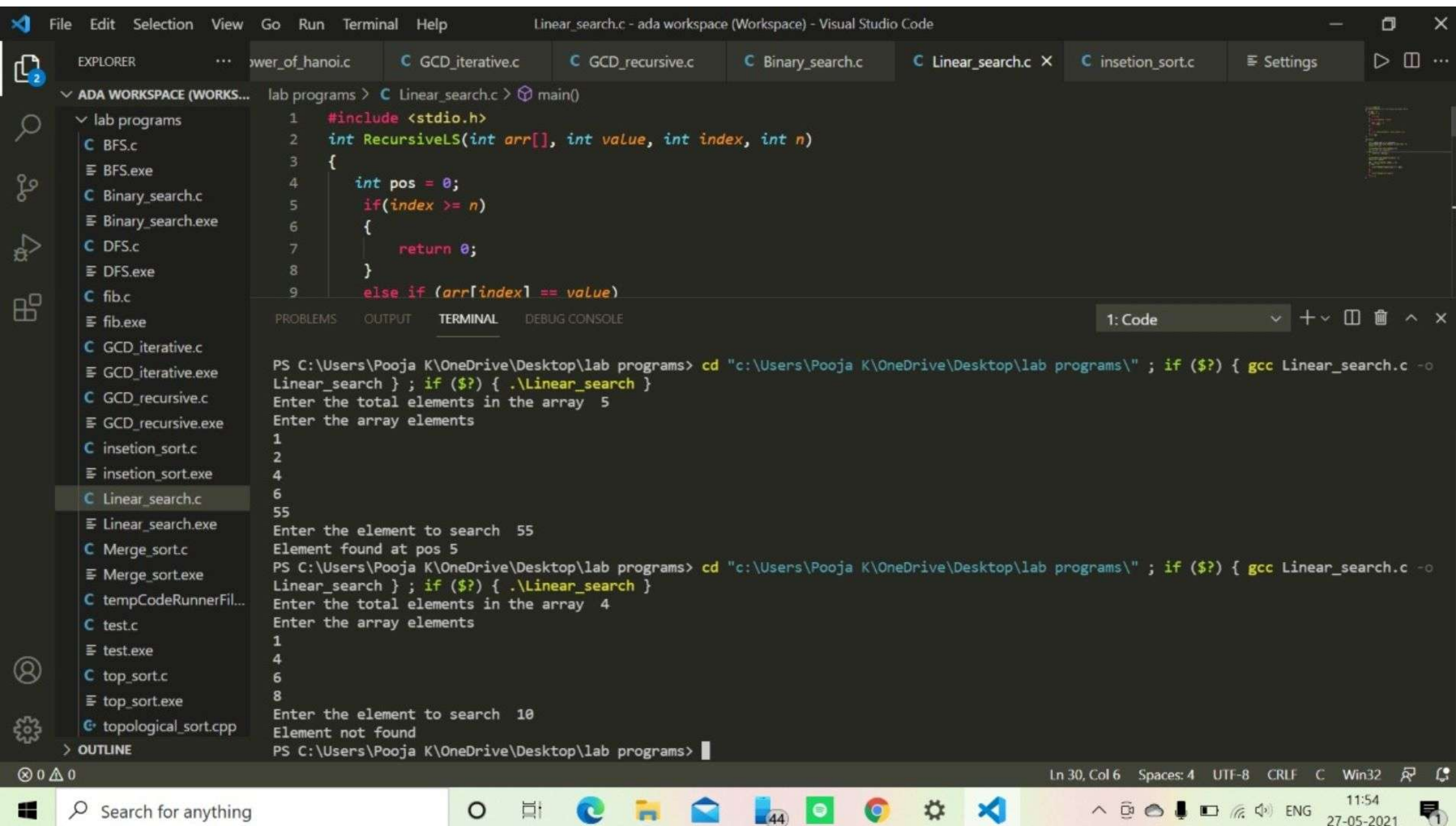PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>

⊗ 0 ⚠ 0   Ln 16, Col 2   Spaces: 4   UTF-8   CRLF   C   Win32

Search for anything   ENG   11:46   27-05-2021

File   Edit   Selection   View   Go   Run   Terminal   Help

C Merge_sort.c ●   C tower_of_hanoi.c   C GCD_iterative.c   C GCD_recursive.c   C Binary_search.c ×   C insetion_sort.c   ≡ Settings

EXPLORER   ···

∨ ADA WORKSPACE (WORKS...   lab programs > C Binary_search.c > ⊕ binary_search(int [], int, int, int)

∨ lab programs
  C BFS.c
  ≡ BFS.exe
  C Binary_search.c
  ≡ Binary_search.exe
  C DFS.c
  ≡ DFS.exe
  C fib.c
  ≡ fib.exe
  C GCD_iterative.c
  ≡ GCD_iterative.exe
  C GCD_recursive.c
  ≡ GCD_recursive.exe
  C insetion_sort.c
  ≡ insetion_sort.exe
  C Merge_sort.c
  ≡ Merge_sort.exe
  C tempCodeRunnerFil...
  C test.c
  ≡ test.exe
  C top_sort.c
  ≡ top_sort.exe
  C⁺ topological_sort.cpp
  ≡ topological_sort.exe
  C tower_of_hanoi.c

> OUTLINE

```c
1    #include <stdio.h>
2    void binary_search(int [], int, int, int);
3
4    int main()
5    {
6        int key, size, i;
7        int list[25];
```

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code

```
Enter size of a list: 5
Enter elements
44
2
7
32
1

Enter key to search
7
Key found at position 3
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc Binary_search.c -o
Binary_search } ; if ($?) { .\Binary_search }
Enter size of a list: 5
Enter elements
44
2
7
32
1

Enter key to search
30
Key not found
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>
```

Ln 44, Col 2   Spaces: 4   UTF-8   CRLF   C   Win32

Search for anything   ENG   11:49 27-05-2021

ower_of_hanoi.c   **C** GCD_iterative.c   **C** GCD_recursive.c   **C** Binary_search.c   **C** Linear_search.c ×   **C** insetion_sort.c   ☰ Settings

EXPLORER   lab programs > **C** Linear_search.c > ⊕ main()

∨ ADA WORKSPACE (WORKS...

∨ lab programs
  C BFS.c
  ☰ BFS.exe
  C Binary_search.c
  ☰ Binary_search.exe
  C DFS.c
  ☰ DFS.exe
  C fib.c
  ☰ fib.exe
  C GCD_iterative.c
  ☰ GCD_iterative.exe
  C GCD_recursive.c
  ☰ GCD_recursive.exe
  C insetion_sort.c
  ☰ insetion_sort.exe
  C Linear_search.c
  ☰ Linear_search.exe
  C Merge_sort.c
  ☰ Merge_sort.exe
  C tempCodeRunnerFil...
  C test.c
  ☰ test.exe
  C top_sort.c
  ☰ top_sort.exe
  C+ topological_sort.cpp

> OUTLINE

```c
1    #include <stdio.h>
2    int RecursiveLS(int arr[], int value, int index, int n)
3    {
4        int pos = 0;
5        if(index >= n)
6        {
7            return 0;
8        }
9        else if (arr[index] == value)
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Code

```
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc Linear_search.c -o
Linear_search } ; if ($?) { .\Linear_search }
Enter the total elements in the array  5
Enter the array elements
1
2
4
6
55
Enter the element to search  55
Element found at pos 5
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc Linear_search.c -o
Linear_search } ; if ($?) { .\Linear_search }
Enter the total elements in the array  4
Enter the array elements
1
4
6
8
Enter the element to search  10
Element not found
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>
```

⊗ 0 ⚠ 0   Ln 30, Col 6   Spaces: 4   UTF-8   CRLF   C   Win32

Search for anything   ENG   11:54   27-05-2021

File   Edit   Selection   View   Go   Run   Terminal   Help

C GCD_iterative.c   C GCD_recursive.c   C Binary_search.c   C Linear_search.c   C selection_sort.c ✕   C insetion_sort.c   ☰ Settings

EXPLORER   ···

∨ ADA WORKSPACE (WORKS...

lab programs > C selection_sort.c > ⊗ main()

C BFS.c
≡ BFS.exe
C Binary_search.c
≡ Binary_search.exe
C DFS.c
≡ DFS.exe
C fib.c
≡ fib.exe
C GCD_iterative.c
≡ GCD_iterative.exe
C GCD_recursive.c
≡ GCD_recursive.exe
C insetion_sort.c
≡ insetion_sort.exe
C Linear_search.c
≡ Linear_search.exe
C Merge_sort.c
≡ Merge_sort.exe
C selection_sort.c
≡ selection_sort.exe
C tempCodeRunnerFil...
C test.c
≡ test.exe
C top_sort.c
≡ top_sort.exe

> OUTLINE

```c
1   #include <stdio.h>
2   int main()
3   {
4   int a[100], n, i, j, position, temp;
5   printf("Enter number of elements:\t");
6   scanf("%d", &n);
7   printf("Enter %d numbers: ", n);
8    for (i = 0; i < n; i++)
9     scanf("%d", &a[i]);
10
11    for(i = 0; i < n - 1; i++)
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE

1: Code

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc selection_sort.c -o
 selection_sort } ; if ($?) { .\selection_sort }
Enter number of elements: 5
Enter 5 numbers: 45
2
4
23
1

 List Sorted in Ascending Order using selection sort : 1   2   4   23   45
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>

⊗ 0 ⚠ 0   Ln 18, Col 7   Spaces: 4   UTF-8   CRLF   C   Win32
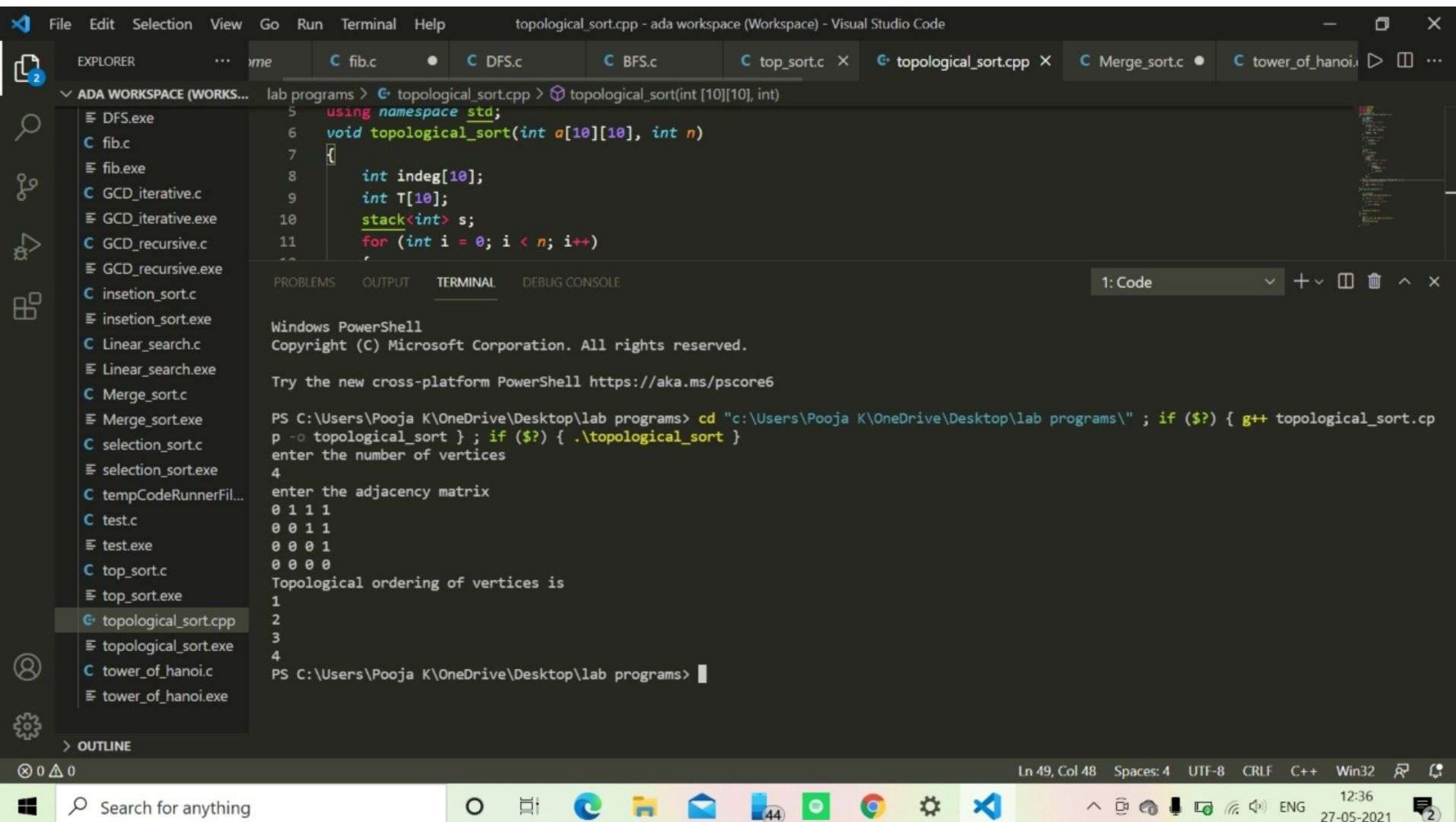
Search for anything

ENG   11:57   27-05-2021

```
1000    0.000000
2000    -0.000000
3000    0.000000
4000    -30206363400.500000
5000    -2.6364127834412573900000000000000000000e+132
6000    9.1023879006253196000000000000000000000e+206
7000    0.000000
8000    0.000000
9000    -0.000000
```

Selection sort

Welcome   C fib.c   ●   C DFS.c   ✕   C BFS.c   C top_sort.c   C⁺ topological_sort.cpp   C Merge_sort.c ●   C towe

EXPLORER

∨ ADA WORKSPACE (WORKS...

C BFS.c
≡ BFS.exe
C Binary_search.c
≡ Binary_search.exe
C DFS.c
≡ DFS.exe
C fib.c
≡ fib.exe
C GCD_iterative.c
≡ GCD_iterative.exe
C GCD_recursive.c
≡ GCD_recursive.exe
C insetion_sort.c
≡ insetion_sort.exe
C Linear_search.c
≡ Linear_search.exe
C Merge_sort.c
≡ Merge_sort.exe
C selection_sort.c
≡ selection_sort.exe
C tempCodeRunnerFil...
C test.c
≡ test.exe
C top_sort.c
≡ top_sort.exe

> OUTLINE

lab programs > C DFS.c > ⊗ main()

```c
1    #include<stdio.h>
2    #include<conio.h>
3    int a[20][20],reach[20],n;
4    void dfs(int v)
5    {
6    int i;
7    reach[v]=1;
8    for(i=1;i<=n;i++)
9    if(a[v][i] && !reach[i])
10   {
11   printf("\n %d->%d",v,i);
12   dfs(i);
13   }
14   }
```

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code

Enter number of vertices:4

Enter the adjacency matrix:
0 1 1 1
1 0 1 1
1 1 0 1
1 1 1 0

1->2
2->3
3->4

Graph is connected
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>

Ln 41, Col 10   Tab Size: 4   UTF-8   CRLF   C   Win32

EXPLORER   ⟨×⟩ Welcome   C fib.c   ●   C DFS.c   ×   C BFS.c   C top_sort.c   G⁺ topological_sort.cpp   C Merge_sort.c   ●   C towe

∨ ADA WORKSPACE (WORKS...   lab programs > C DFS.c > ⊕ main()

C BFS.c   1   #include<stdio.h>
≡ BFS.exe   2   #include<conio.h>
C Binary_search.c   3   int a[20][20].reach[20].n;
≡ Binary_search.exe
C DFS.c   PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code
≡ DFS.exe
C fib.c   Enter number of vertices:4
≡ fib.exe
C GCD_iterative.c   Enter the adjacency matrix:
≡ GCD_iterative.exe   0 1 1 1
C GCD_recursive.c   1 0 1 1
≡ GCD_recursive.exe   1 1 0 1
C insetion_sort.c   1 1 1 0
≡ insetion_sort.exe
C Linear_search.c   1->2
≡ Linear_search.exe   2->3
C Merge_sort.c   3->4
≡ Merge_sort.exe
C selection_sort.c   Graph is connected
≡ selection_sort.exe   PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc DFS.c -o DFS } ; if
C tempCodeRunnerFil...   ($?) { .\DFS }
C test.c
≡ test.exe   Enter number of vertices:4
C top_sort.c
≡ top_sort.exe   Enter the adjacency matrix:
                                    0 1 1 0
                                    1 0 1 0
                                    1 1 0 0
                                    0 0 0 0

                                    1->2
                                    2->3

                                    Graph is not connected
                                 PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>

> OUTLINE

⊗ 0 ⚠ 0   Ln 41, Col 10   Tab Size: 4   UTF-8   CRLF   C   Win32

EXPLORER ···   Welcome   C fib.c ●   C DFS.c   C BFS.c ×   C top_sort.c   C topological_sort.cpp   C Merge_sort.c ●   C towe

∨ ADA WORKSPACE (WORKS...   lab programs > C BFS.c > ⊗ main()

```
C BFS.c                      38                  insertq(q,i,&f,&r);
≡ BFS.exe                    39          }
C Binary_search.c            40      }
≡ Binary_search.exe          41
C DFS.c                      42
≡ DFS.exe                    43      int main()
C fib.c                      44      {
≡ fib.exe
C GCD_iterative.c
```

≡ GCD_iterative.exe   PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code   ∨ + ∨ ⊓ 🗑 ∧ ×
C GCD_recursive.c
≡ GCD_recursive.exe   enter number of vertices
C insetion_sort.c   4
≡ insetion_sort.exe   Enter adjacency matrix
C Linear_search.c   0 1 1 1
≡ Linear_search.exe   1 0 1 1
C Merge_sort.c   1 1 0 1
≡ Merge_sort.exe   1 1 1 0
C selection_sort.c   enter starting vertex
≡ selection_sort.exe   1
C tempCodeRunnerFil...   The nodes reachable from src are
C test.c   1234
≡ test.exe   PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc BFS.c -o BFS } ; if
C top_sort.c   ($?) { .\BFS }
≡ top_sort.exe   enter number of vertices
                            4
                            Enter adjacency matrix
                            0 1 1 1
                            1 0 1 1
                            1 1 0 1
                            1 1 1 0
                            enter starting vertex
                            2
                            The nodes reachable from src are
                            2134
> OUTLINE   PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> ▊

⊗ 0 ⚠ 0   Ln 60, Col 9   Tab Size: 4   UTF-8   CRLF   C   Win32

GCD_iterative.c   C GCD_recursive.c   C Binary_search.c   C Linear_search.c   C selection_sort.c   C insetion_sort.c ✕   ≡ Settings

lab programs > C insetion_sort.c > ⬡ main()

```c
1    #include <stdio.h>
2    int main()
3    {
4        int n, i, j, temp;
5        int arr[64];
6
7        printf("Enter number of elements\n");
8        scanf("%d", &n);
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Code   ⌄   + ⌄ ⬚ 🗑 ∧ ✕

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc insetion_sort.c -o
insetion_sort } ; if ($?) { .\insetion_sort }
Enter number of elements
5
Enter 5 integers
34
23
2
56
45
Sorted list in ascending order:
2
23
34
45
56
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> ▮
```

EXPLORER ···
⌄ ADA WORKSPACE (WORKS...
   C BFS.c
   ≡ BFS.exe
   C Binary_search.c
   ≡ Binary_search.exe
   C DFS.c
   ≡ DFS.exe
   C fib.c
   ≡ fib.exe
   C GCD_iterative.c
   ≡ GCD_iterative.exe
   C GCD_recursive.c
   ≡ GCD_recursive.exe
   C insetion_sort.c
   ≡ insetion_sort.exe
   C Linear_search.c
   ≡ Linear_search.exe
   C Merge_sort.c
   ≡ Merge_sort.exe
   C selection_sort.c
   ≡ selection_sort.exe
   C tempCodeRunnerFil...
   C test.c
   ≡ test.exe
   C top_sort.c
   ≡ top_sort.exe
> OUTLINE

⊗ 0 ⚠ 0   Ln 32, Col 2   Spaces: 4   UTF-8   CRLF   C   Win32

```
1000      0.000000
2000     -0.000000
3000      0.000000
4000     -3020636340Q.500000
5000     -2.636412783441257390000000000000000000000e+132
6000      9.102387900602531960000000000000000000000e+206
7000      0.000000
8000      0.000000
9000     -0.000000
```

Insertion sort

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER   ···   ome   C fib.c   ●   C DFS.c   C BFS.c   C top_sort.c ×   G⁺ topological_sort.cpp ×   C Merge_sort.c ●   C tower_of_hanoi.

∨ ADA WORKSPACE (WORKS...   lab programs > G⁺ topological_sort.cpp > ✪ topological_sort(int [10][10], int)

```cpp
5    using namespace std;
6    void topological_sort(int a[10][10], int n)
7    {
8        int indeg[10];
9        int T[10];
10       stack<int> s;
11       for (int i = 0; i < n; i++)
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Code

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { g++ topological_sort.cp
p -o topological_sort } ; if ($?) { .\topological_sort }
enter the number of vertices
4
enter the adjacency matrix
0 1 1 1
0 0 1 1
0 0 0 1
0 0 0 0
Topological ordering of vertices is
1
2
3
4
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> █

Ln 49, Col 48   Spaces: 4   UTF-8   CRLF   C++   Win32

Search for anything

ENG   12:36   27-05-2021

∨ ADA WORKSPACE (WORKS... lab programs > C Merge_sort.c > ⊕ main()

C Binary_search.c
≡ Binary_search.exe
C DFS.c
≡ DFS.exe
C fib.c
≡ fib.exe
C GCD_iterative.c
≡ GCD_iterative.exe
C GCD_recursive.c
≡ GCD_recursive.exe
C insetion_sort.c
≡ insetion_sort.exe
C Linear_search.c
≡ Linear_search.exe
C Merge_sort.c
≡ Merge_sort.exe
C selection_sort.c
≡ selection_sort.exe
C tempCodeRunnerFil...
C test.c
≡ test.exe
C top_sort.c
≡ top_sort.exe
G+ topological_sort.cpp
≡ topological_sort.exe
C tower_of_hanoi.c
≡ tower_of_hanoi.exe

> OUTLINE

```c
      int mid;
62
63    if(Low<high)
64    {
65     mid=(Low+high)/2;
66     split(a,Low,mid);
```

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   1: Code ∨ + ∨ ⊟ 🗑 ∧ ✕

Enter your choice:1

Enter the number of elements: 5

Enter array elements: 45
23
2
60
1

Sorted array is: 1   2   23   45   60
 Time taken to sort 5 numbers is 0.000000 Secs
1:For manual entry of N value and array elements
2:To display time taken for sorting number of elements N in the range 500 to 14500
3:To exit
Enter your choice:2

 Time taken to sort 500 numbers is 0.003000 Secs
 Time taken to sort 1500 numbers is 0.004000 Secs
 Time taken to sort 2500 numbers is 0.003000 Secs
 Time taken to sort 3500 numbers is 0.005000 Secs
 Time taken to sort 4500 numbers is 0.006000 Secs
 Time taken to sort 5500 numbers is 0.004000 Secs
 Time taken to sort 6500 numbers is 0.004000 Secs
 Time taken to sort 7500 numbers is 0.004000 Secs
 Time taken to sort 8500 numbers is 0.004000 Secs
 Time taken to sort 9500 numbers is 0.005000 Secs
 Time taken to sort 10500 numbers is 0.005000 Secs
 Time taken to sort 11500 numbers is 0.005000 Secs
 Time taken to sort 12500 numbers is 0.004000 Secs
 Time taken to sort 13500 numbers is 0.005000 Secs
 Time taken to sort 14500 numbers is 0.006000 Secs

⊗ 0 ⚠ 0   Ln 38, Col 24   Spaces: 4   UTF-8   CRLF   C   Win32