PRATIKSHA GAUR

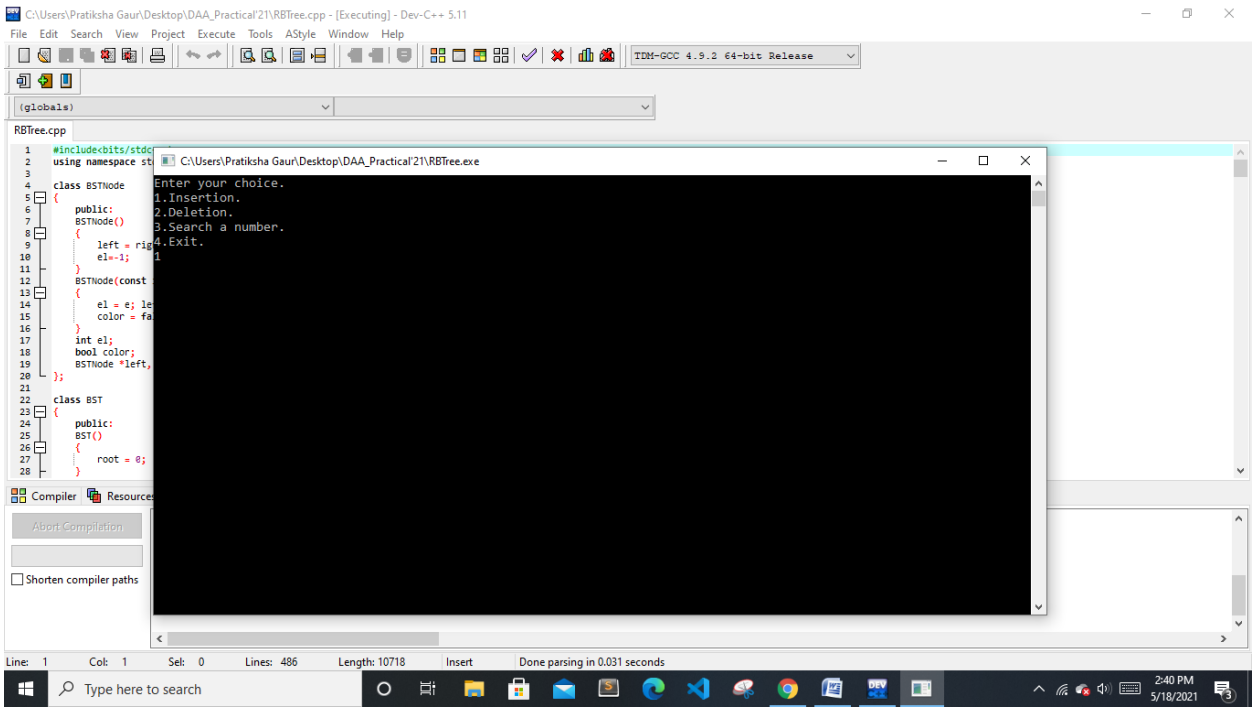
University roll no.- 19020570027

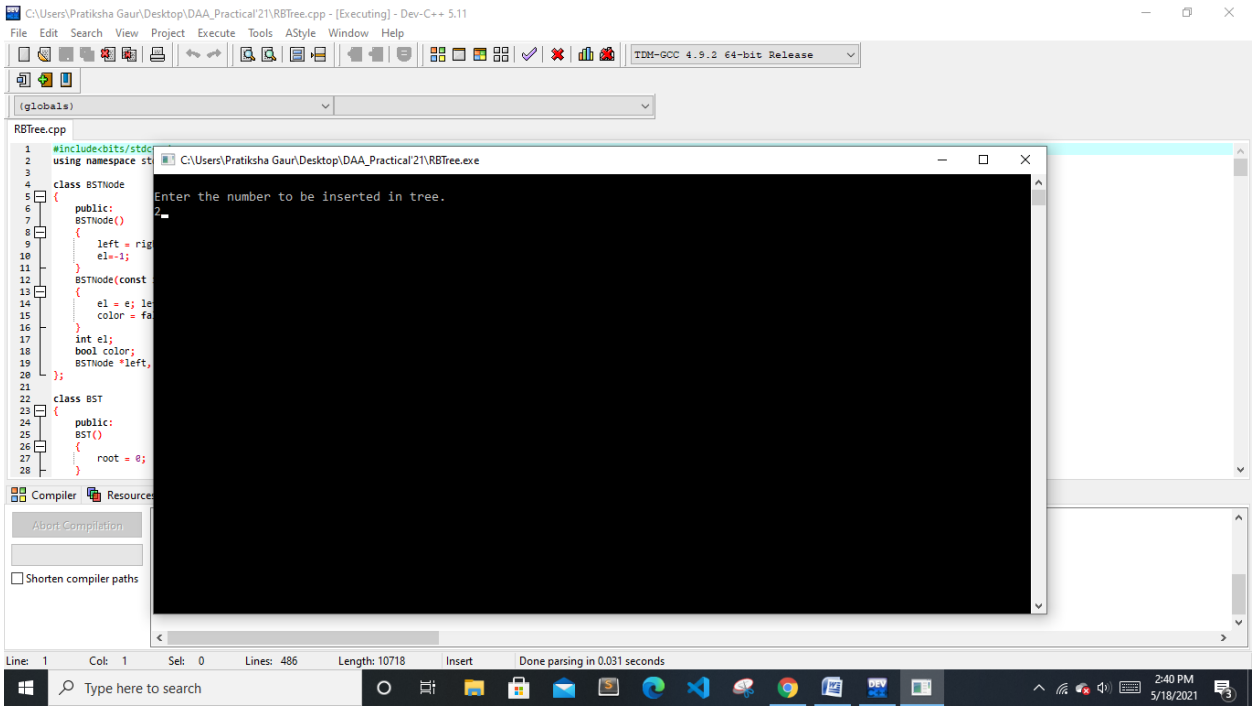
College roll no. – 2019/1429

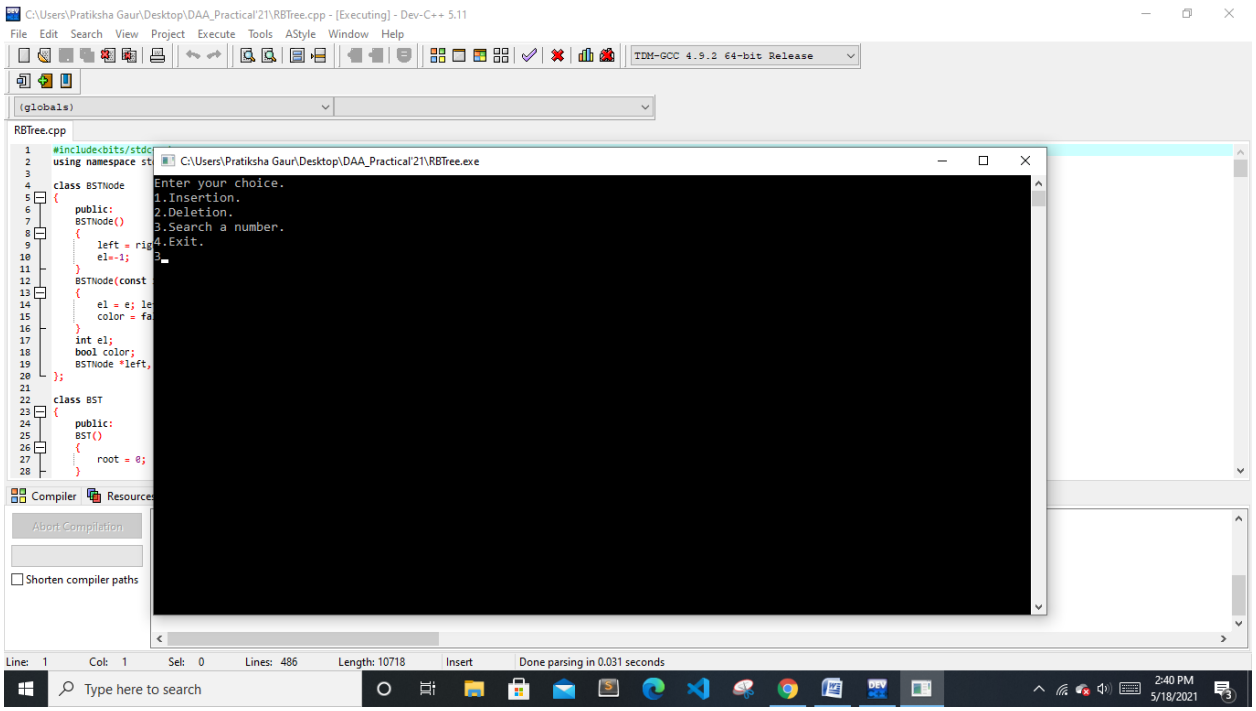
DAA PRACTICAL EXAM 2021

Semester- IV

1.


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter your choice.
1.Insertion.
2.Deletion.
3.Search a number.
4.Exit.
1
Compiler
Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:40 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter the number to be inserted in tree.
2
Compiler
Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:40 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
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Enter your choice.
1.Insertion.
2.Deletion.
3.Search a number.
4.Exit.
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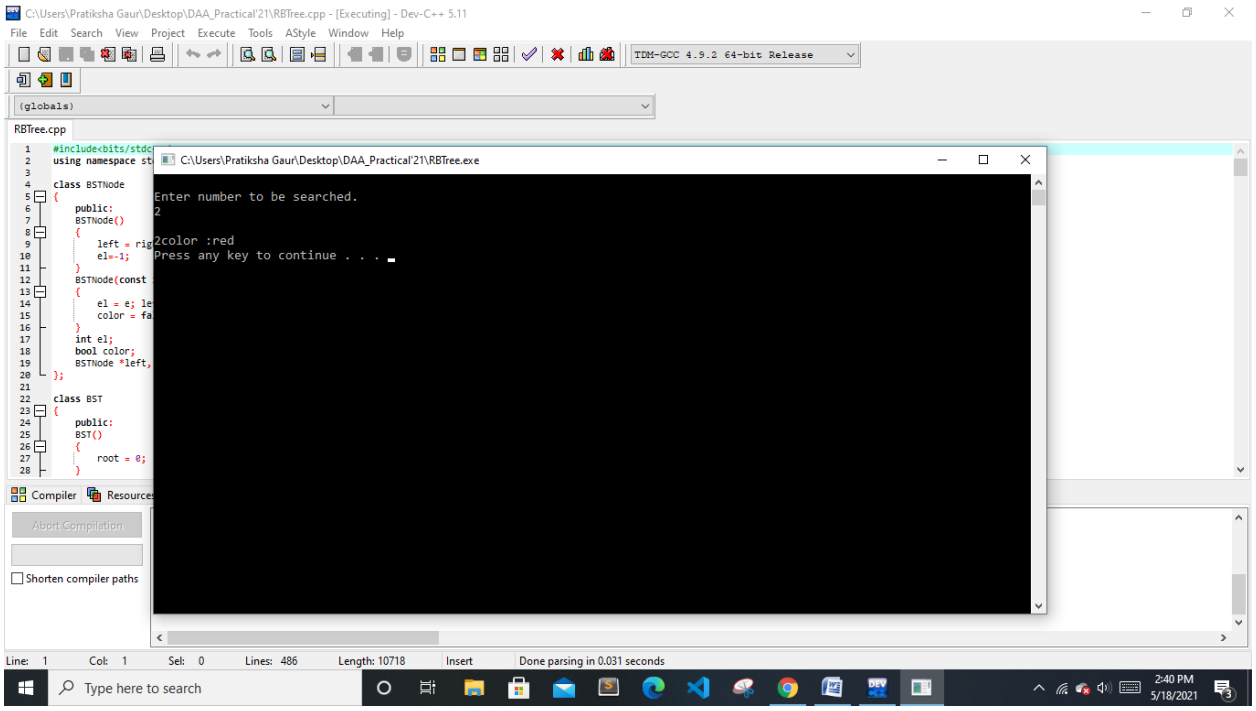
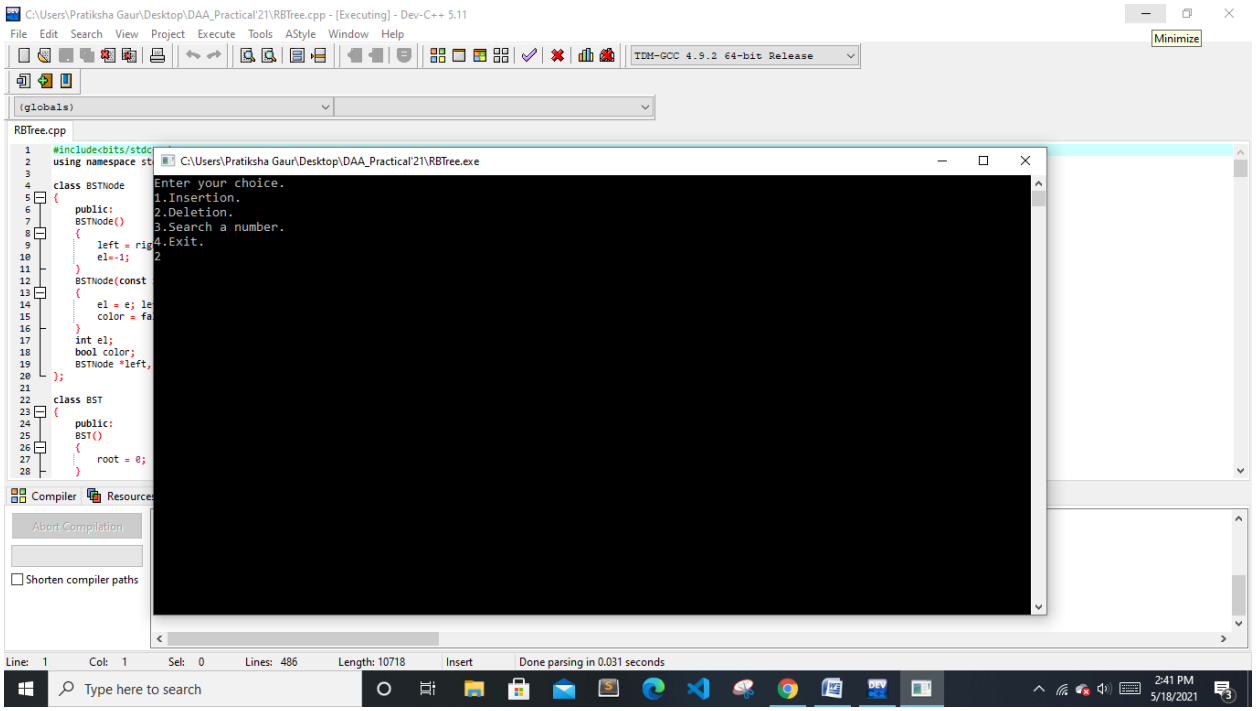
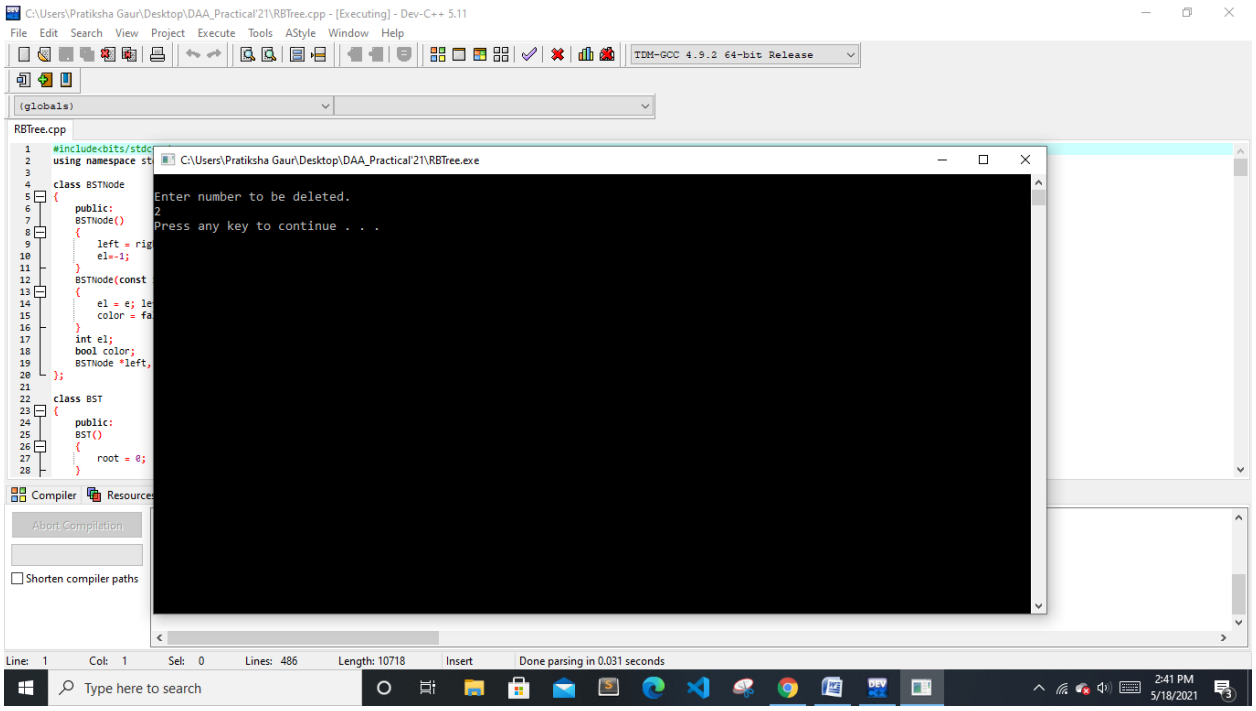
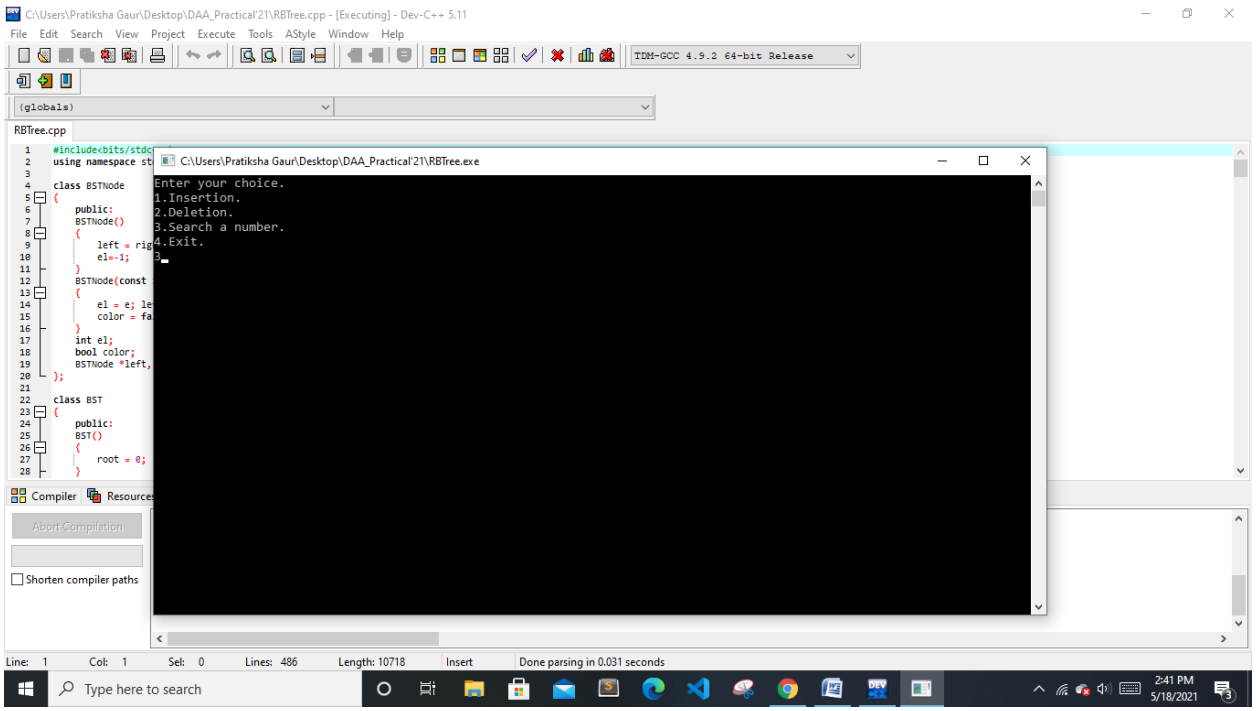
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:40 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter number to be searched.
2
2color :red
Press any key to continue . . .
Compiler Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:40 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
Minimize
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter your choice.
1.Insertion.
2.Deletion.
3.Search a number.
4.Exit.
2
Compiler
Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:41 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter number to be deleted.
2
Press any key to continue . . .
Compiler
Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:41 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
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TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter your choice.
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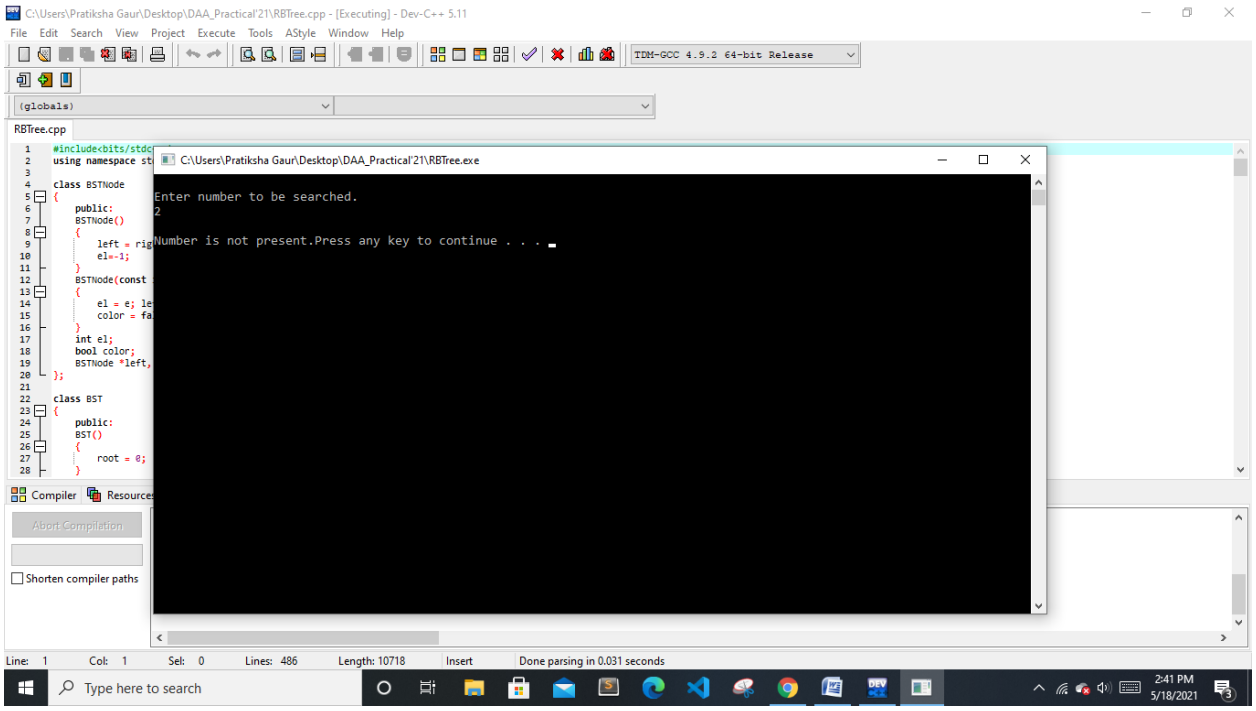
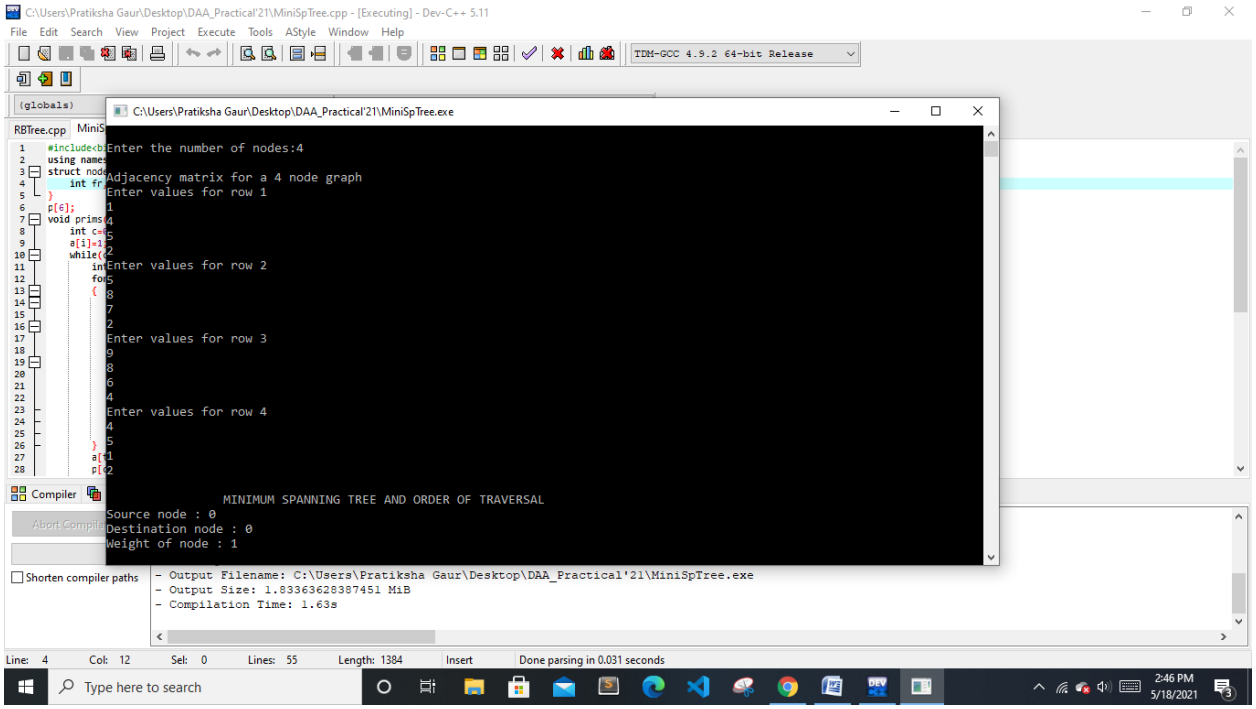
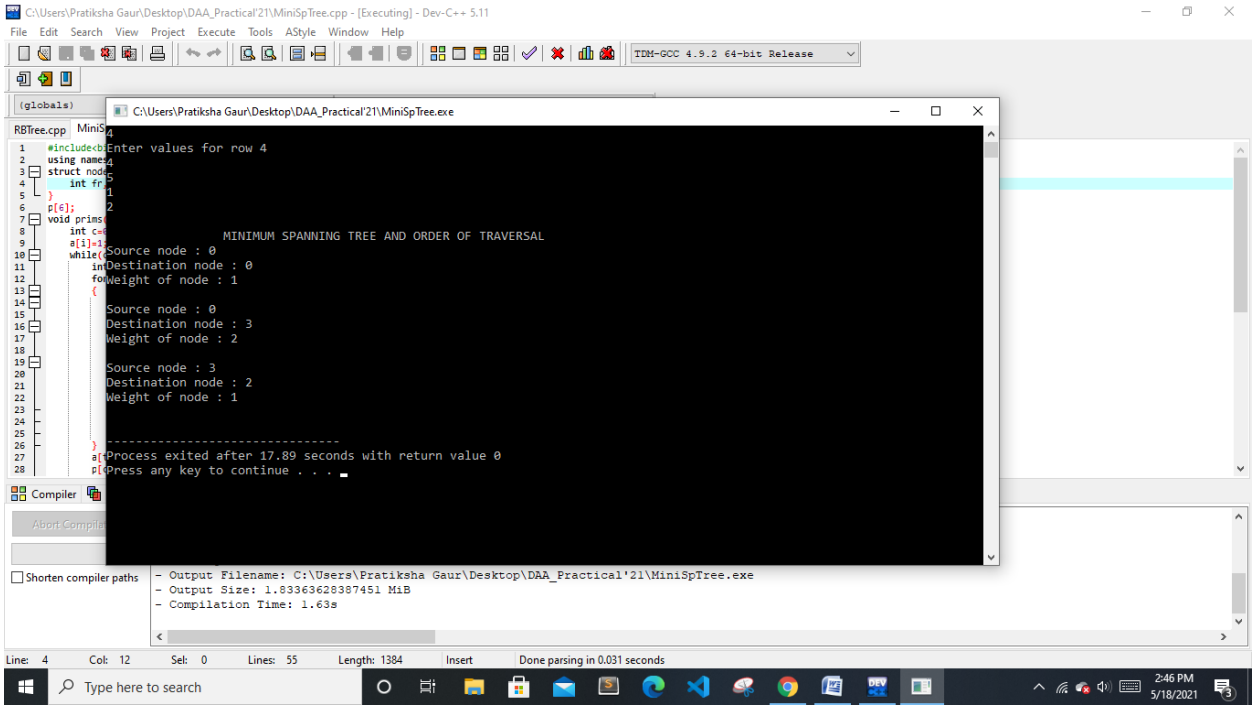
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:41 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
RBTree.cpp
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\RBTree.exe
Enter number to be searched.
2
Number is not present.Press any key to continue . . .
Compiler Resources
Abort Compilation
Shorten compiler paths
Line: 1 Col: 1 Sel: 0 Lines: 486 Length: 10718 Insert Done parsing in 0.031 seconds
Type here to search
2:41 PM
5/18/2021

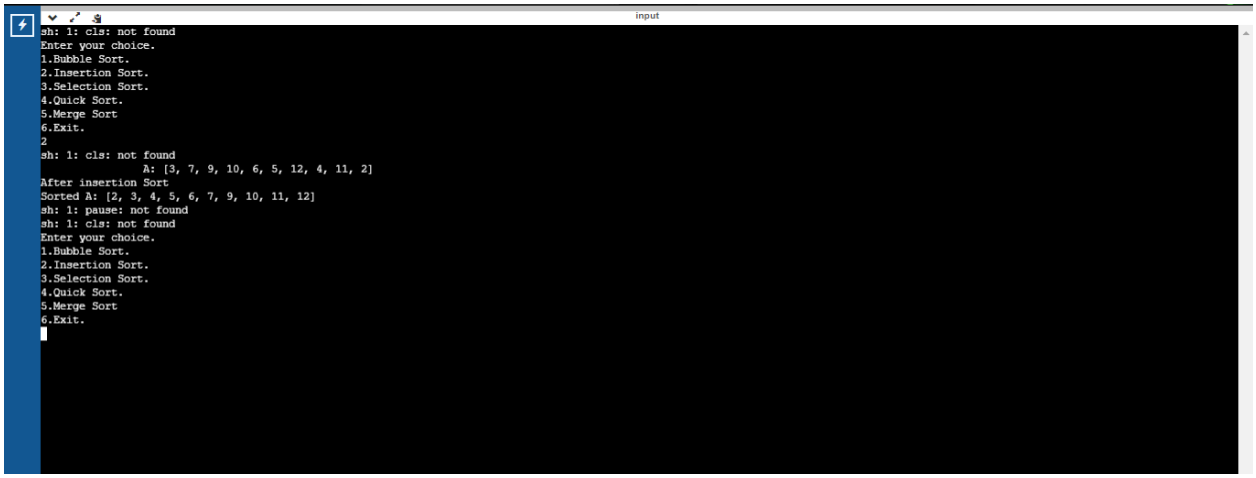
2.

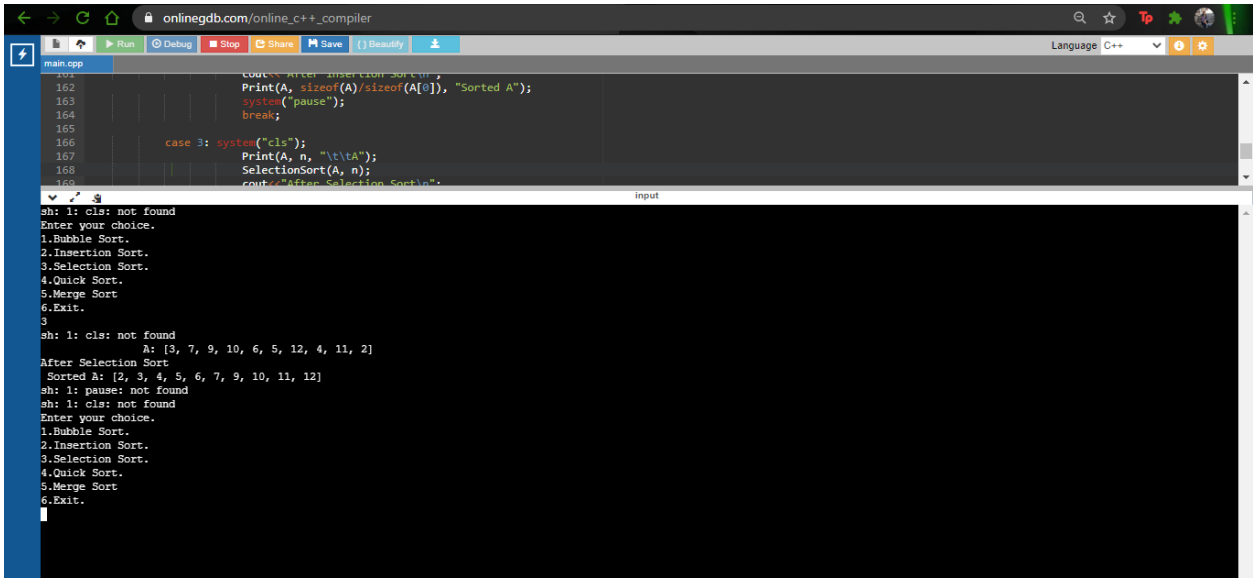

C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.cpp - [Executing] - Dev-C++ 5.11
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.exe
Enter the number of nodes:4
Adjacency matrix for a 4 node graph
Enter values for row 1
1
4
5
2
Enter values for row 2
5
8
7
2
Enter values for row 3
9
8
6
4
Enter values for row 4
4
5
MINIMUM SPANNING TREE AND ORDER OF TRAVERSAL
Source node : 0
Destination node : 0
Weight of node : 1
- Output Filename: C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.exe
- Output Size: 1.83363628387451 MiB
- Compilation Time: 1.63s
Done parsing in 0.031 seconds
2:46 PM
5/18/2021


C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.cpp - [Executing] - Dev-C++ 5.11
C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.exe
4
Enter values for row 4
4
5
1
2
MINIMUM SPANNING TREE AND ORDER OF TRAVERSAL
Source node : 0
Destination node : 0
Weight of node : 1
Source node : 0
Destination node : 3
Weight of node : 2
Source node : 3
Destination node : 2
Weight of node : 1
Process exited after 17.89 seconds with return value 0
Press any key to continue . . .
- Output Filename: C:\Users\Pratiksha Gaur\Desktop\DAA_Practical'21\MiniSpTree.exe
- Output Size: 1.83363628387451 MiB
- Compilation Time: 1.63s
Done parsing in 0.031 seconds
2:46 PM
5/18/2021

3.


onlinegdb.com/online_c++_compiler
input
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.
1
sh: 1: cls: not found
A: [3, 7, 9, 10, 6, 5, 12, 4, 11, 2]
After Bubble Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.


input
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.
2
sh: 1: cls: not found
A: [3, 7, 9, 10, 6, 5, 12, 4, 11, 2]
After insertion Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.


onlinegdb.com/online_c++_compiler
Run
Debug
Stop
Share
Save
{} Beautify
Language C++
main.cpp
Print(A, sizeof(A)/sizeof(A[0]), "Sorted A");
system("pause");
break;
case 3: system("cls");
Print(A, n, "\t\tA");
SelectionSort(A, n);
input
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.
3
sh: 1: cls: not found
A: [3, 7, 9, 10, 6, 5, 12, 4, 11, 2]
After Selection Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
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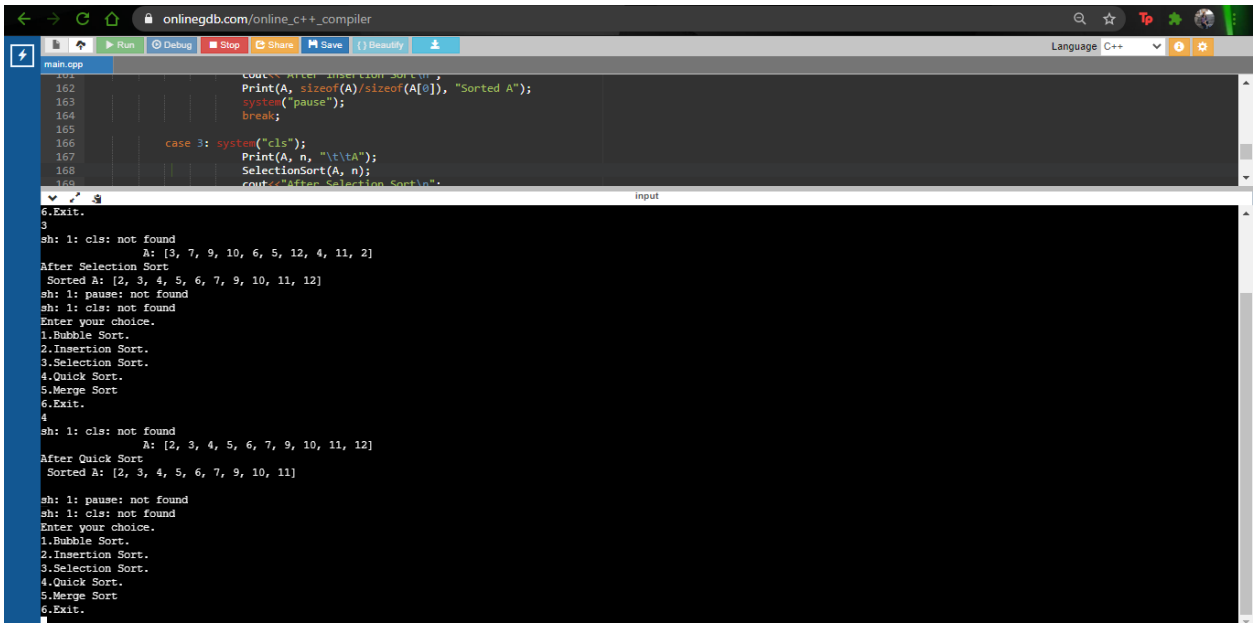
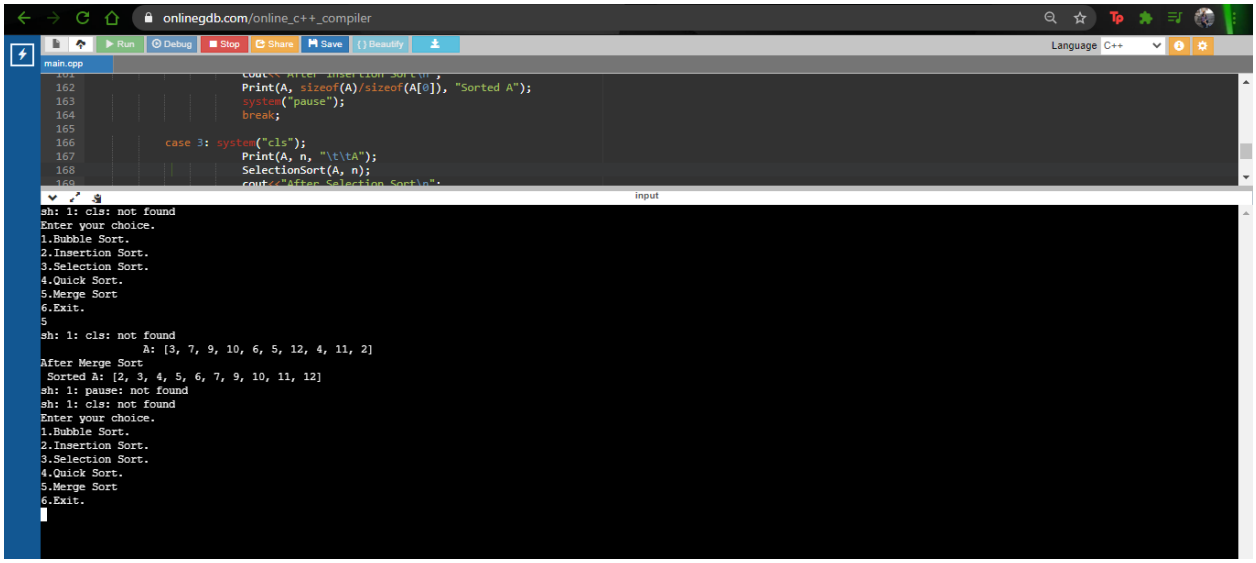

onlinegdb.com/online_c++_compiler
Run
Debug
Stop
Share
Save
{} Beautify
Language C++
main.cpp
Print(A, sizeof(A)/sizeof(A[0]), "Sorted A");
system("pause");
break;
case 3: system("cls");
Print(A, n, "\t\tA");
SelectionSort(A, n);
input
6.Exit.
3
sh: 1: cls: not found
A: [3, 7, 9, 10, 6, 5, 12, 4, 11, 2]
After Selection Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.
4
sh: 1: cls: not found
A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
After Quick Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.


onlinegdb.com/online_c++_compiler
Run
Debug
Stop
Share
Save
{} Beautify
Language C++
main.cpp
Print(A, sizeof(A)/sizeof(A[0]), "Sorted A");
system("pause");
break;
case 3: system("cls");
Print(A, n, "\t\tA");
SelectionSort(A, n);
input
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.
5
sh: 1: cls: not found
A: [3, 7, 9, 10, 6, 5, 12, 4, 11, 2]
After Merge Sort
Sorted A: [2, 3, 4, 5, 6, 7, 9, 10, 11, 12]
sh: 1: pause: not found
sh: 1: cls: not found
Enter your choice.
1.Bubble Sort.
2.Insertion Sort.
3.Selection Sort.
4.Quick Sort.
5.Merge Sort
6.Exit.