

```
File Edit Selection View Go Run Terminal Help assignment_5.cpp - c++ - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: Code

Microsoft Windows [Version 10.0.18363.1256]
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C:\Users\acer\Desktop\c++>cd "c:\Users\acer\Desktop\c++\Assign-05\" && g++ assignment_5.cpp -o assignment_5 && "c:\Users\acer\Desktop\c++\Assign-05\assignment_5

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 50

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 20

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 60

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Ln 3, Col 19 Tab Size: 4 UTF-8 CRLF cpp Go Live
Type here to search 2004 11/12/2020

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9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 20

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 60

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Ln 3, Col 19 Tab Size: 4 UTF-8 CRLF cpp Go Live
Type here to search 2004 11/12/2020
```

The image displays two sequential screenshots of a Visual Studio Code terminal window. The window title is "assignment_5.cpp - c++ - Visual Studio Code". The terminal shows the execution of a C++ program that implements a binary tree with various operations.

Top Screenshot:

```
10. Exit
Enter your choice: 1
Enter the element: 10

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 1
Enter the element: 25

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
```

Bottom Screenshot:

```
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
Enter your choice: 8
50 20 60 10 25
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 2
Enter element: 20
Element Found
50

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
```

The bottom screenshot shows the user selecting option 8 (Level-wise Traverse) and then option 2 (Delete), demonstrating the program's functionality.

```
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: Code
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
Enter your choice: 8
50 25 60 10
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
Enter your choice: 4
Depth: 2
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
Ln 3, Col 19 Tab Size: 4 UTF-8 CRLF cpp Go Live 2004 11/12/2020
Type here to search

File Edit Selection View Go Run Terminal Help assignment_5.cpp - c++ - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: Code
Enter your choice: 4
Depth: 2
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
Enter your choice: 5
60->50->25->10->
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit
Enter your choice: 6
50: 25 60
25: 10
Ln 3, Col 19 Tab Size: 4 UTF-8 CRLF cpp Go Live 2004 11/12/2020
Type here to search
```

```
File Edit Selection View Go Run Terminal Help assignment_5.cpp - c++ - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: Code
25: 10
60:
10:

===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 7
60 10
===== Operations =====
1. Insert
2. Delete
3. Search
4. Depth of tree
5. Mirror of tree
6. Parent with child
7. Leaf nodes
8. Level-wise Traverse
9. Copy a tree
10. Exit

Enter your choice: 9
50 25 60 10

c:\Users\acer\Desktop\c++\Assign-05>
```