File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Clas   DS19.cpp   Untitled1   DS20.cpp

```
210            break;
211
212        case 3:
213            printf("Enter key to search: ");
214            scanf("%d", &key);
215            if (search(root, key))
216                printf("Key %d found in AVL tree.\n", key);
217            else
218                printf("Key %d not found in AVL tree.\n", key);
219            break;
220
221        case 4:
222            printf("Preorder traversal: ");
223            preOrder(root);
224            printf("\n");
225            break;
226
227        case 5:
228            exit(0);
229
230        default:
231            printf("Invalid choice! Try again.\n");
232        }
233    }
234
235    return 0;
236 }
237
```

Compiler Resources Compile Log Debug Find Results Console Close

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mudir\OneDrive\Documents\DS20.exe
- Output Size: 326.0029296875 KiB
- Compilation Time: 0.23s
```

Abort Compilation

☐ Shorten compiler pat

Line: 237 Col: 1 Sel: 0 Lines: 237 Length: 5861 Insert   Done parsing in 0.016 seconds

Console output:

```
2. Delete
3. Search
4. Display (Preorder)
5. Exit
Enter your choice: 1
Enter key to insert: 67

--- AVL Tree Operations ---
1. Insert
2. Delete
3. Search
4. Display (Preorder)
5. Exit
Enter your choice: 4
Preorder traversal: 45 23 67

--- AVL Tree Operations ---
1. Insert
2. Delete
3. Search
4. Display (Preorder)
5. Exit
Enter your choice: 2
Enter key to delete: 23

--- AVL Tree Operations ---
1. Insert
2. Delete
3. Search
4. Display (Preorder)
```