

OnlineGDB

beta

online compiler and debugger for c/c++

Welcome, **Kailash Ramesh**

Problem-13.c

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Beautify

Language C

main.c

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int elements[] = {45, 15, 79, 90, 10, 55, 12, 20, 50};

int n = sizeof(elements) / sizeof(elements[0]);

// Insert elements into BST

for (int i = 0; i < n; i++) root = insert(root, elements[i]);

// Inorder traversal of BST

printf("Inorder traversal: ");

inorderTraversal(root);

printf("\n");

// Search for a node

int searchKey = 20;

Node\* found = search(root, searchKey);

if (found) printf("Node with value %d found.\n", searchKey);

else printf("Node with value %d not found.\n", searchKey);

// Delete a node

int deleteKey = 79;

root = deleteNode(root, deleteKey);

printf("Inorder traversal after deletion: ");

inorderTraversal(root);

printf("\n");

return 0;

}

input

Inorder traversal: 10 12 15 20 45 50 55 79 90

Node with value 20 found.

Inorder traversal after deletion: 10 12 15 20 45 50 55 90

...Program finished with exit code 0

Press ENTER to exit console.