main.c

```c
    // Insert nodes into the BST
    for (int i = 0; i < n; i++) {
        root = insert(root, elements[i]);
    }

    // Inorder traversal of the BST
    printf("Inorder traversal: ");
    inorderTraversal(root);
    printf("\n");

    // Search for a node
    int searchKey = 20;
    Node* result = search(root, searchKey);
    if (result) 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 = deletion(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 55 50 90


...Program finished with exit code 0
Press ENTER to exit console.
```