Output for BST:

Enter sequence of numbers:

51 29 68 90 36 40 22 59 44 99 77 60 27 83 15 75 3

Pre-Order: 51 29 22 15 3 27 36 40 44 68 59 60 90 77 75 83 99

In-order: 3 15 22 27 29 36 40 44 51 59 60 68 75 77 83 90 99

Post-Order: 3 15 27 22 44 40 36 29 60 59 75 83 77 99 90 68 51

Commands:

I Insert a value

D Delete a value

P Find Predecessor

S Find Successor

E Exit the Program

H Display this message

Command? i

Value to insert: 88

In-order: 3 15 22 27 29 36 40 44 51 59 60 68 75 77 83 88 90 99

Command? i

Value to insert: 42

In-order: 3 15 22 27 29 36 40 42 44 51 59 60 68 75 77 83 88 90 99

Command? i

Value to insert: 22

22 already exists, no repeats!

In-order: 3 15 22 27 29 36 40 42 44 51 59 60 68 75 77 83 88 90 99

Command? d

Value to delete: 44

In-order: 3 15 22 27 29 36 40 42 51 59 60 68 75 77 83 88 90 99

Command? d

Value to delete: 90

In-order: 3 15 22 27 29 36 40 42 51 59 60 68 75 77 83 88 99

Command? d

Value to delete: 70

70 is not found

In-order: 3 15 22 27 29 36 40 42 51 59 60 68 75 77 83 88 99

Command? d

Value to delete: 68

In-order: 3 15 22 27 29 36 40 42 51 59 60 75 77 83 88 99

Command? s

Find Successor for: 75

Sucessor is 77

Command? p

Find Predecessor for: 99

Predecessor is 88

Command? e

Thank you, come again!