AVL

Develop AVL Tree which contains the following functions:

- Add and remove data into/from AVL Tree

- Show data in AVL Tree using Pre-order Traversal

command	description
a 10	Add 10 into AVL Tree
d 20	remove 20 from AVL Tree
p	Show data in AVL Tree using Pre-order Traversal
x	Exit

Example

Input	Output
a 10	10 20
a 20	20 10 30
p	20 10 30 40
a 30	20 10 40 30 50
p	40 20 10 30 50 60
a 40	40 20 10 30 60 50 70
p	50 20 10 30 60 70
a 50	60 20 10 30 70
p	20 10 70 30
a 60	
p	
a 70	
p	
d 40	
p	
d 50	
p	
d 60	
p	
x	