
1 Task

Trace the operation of an AVL Tree given the following operations:

```
insert(93)
insert(59)
insert(27)
insert(12)
insert(99)
insert(40)
insert(68)
insert(36)
insert(43)
insert(76)
insert(35)
insert(26)
insert(50)
insert(24)
insert(64)
```

Next, Delete the following items sequentially.

```
delete(68)
delete(59)
delete(26)
delete(50)
delete(64)
delete(93)
```

Starting with an empty tree, perform the following insertion operations:

insert(58)
insert(70)
insert(46)
insert(48)
insert(96)
insert(98)
insert(22)
insert(24)
insert(10)
insert(63)
insert(68)
insert(94)
insert(44)
insert(87)
insert(84)

And then do the following deletions:

delete(96)
delete(68)
delete(44)
delete(87)
delete(84)
delete(22)

2 Deliverables

- (a) Implement the above using Java
- (b) Your paper work sheets showing work sufficient to show what you were doing.