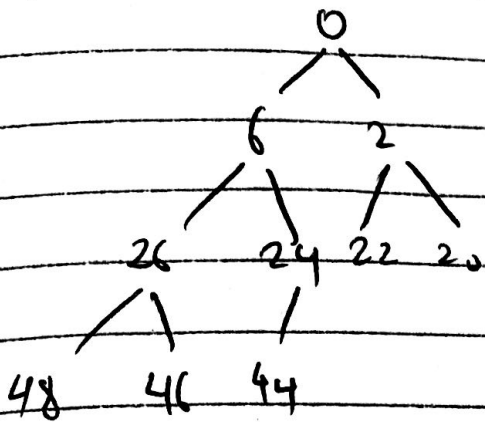


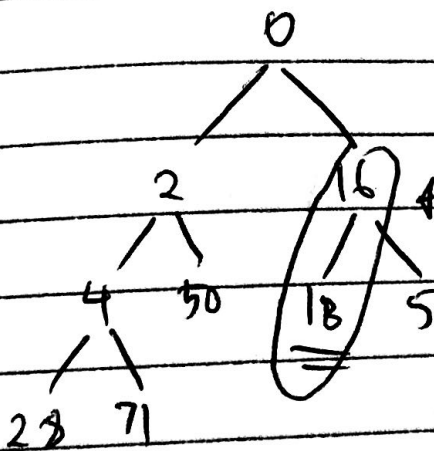
## Part a

1)



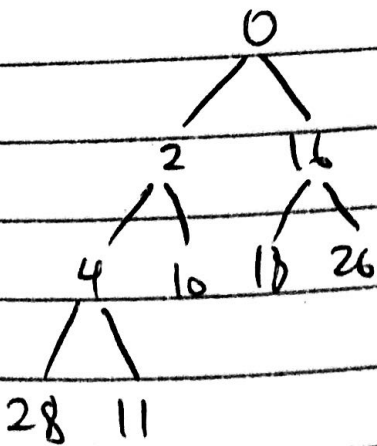
valid

2)



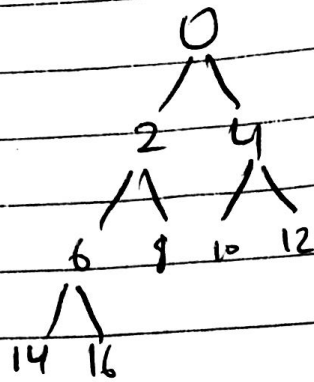
invalid b/c  $18 > 16$

3)

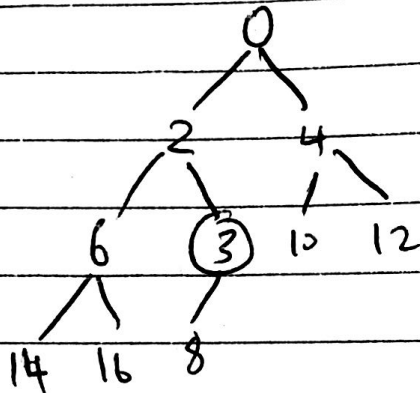


valid

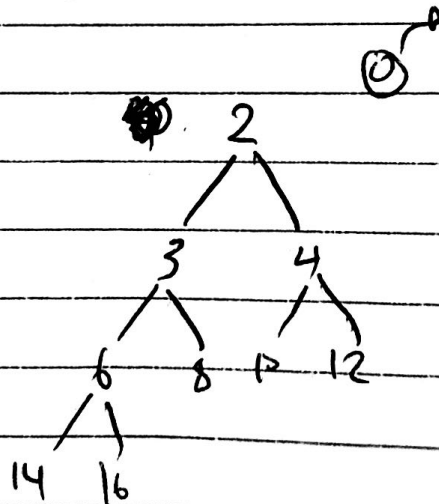
# Part B



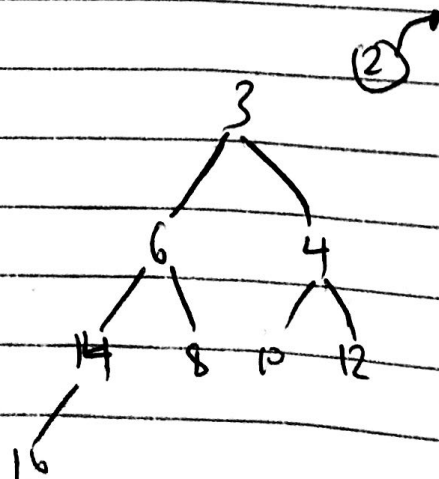
Insert 1



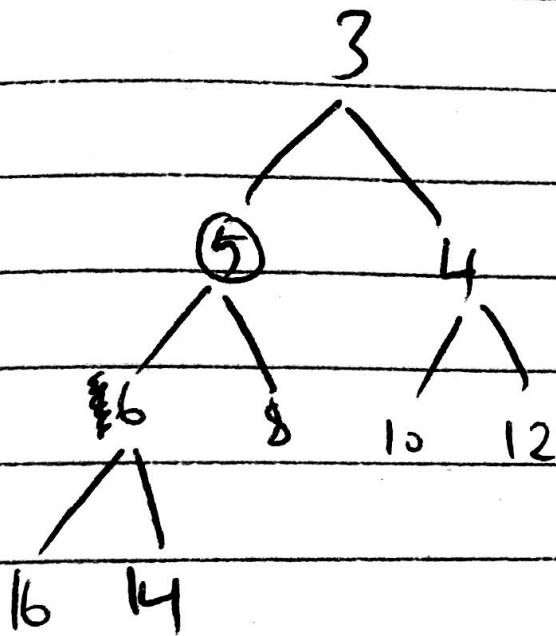
insert 3



pop top



pop top



insert 5