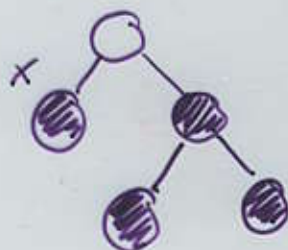


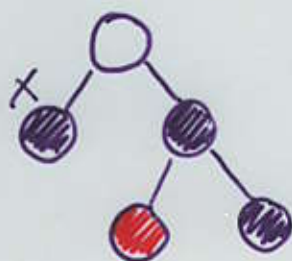
Tilfælde 1



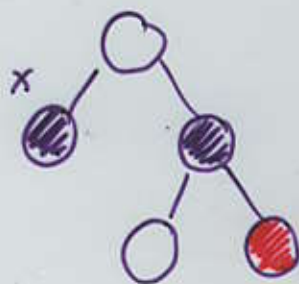
Tilfælde 2



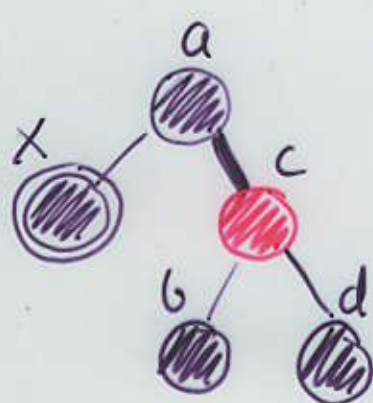
Tilfælde 3



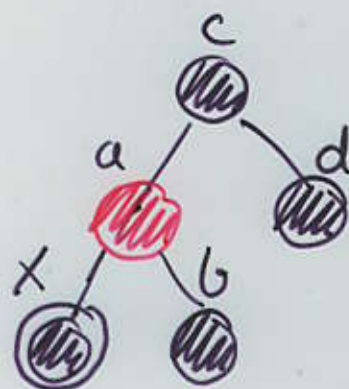
Tilfælde 4



Tilfælde 1 : x's bror er rød

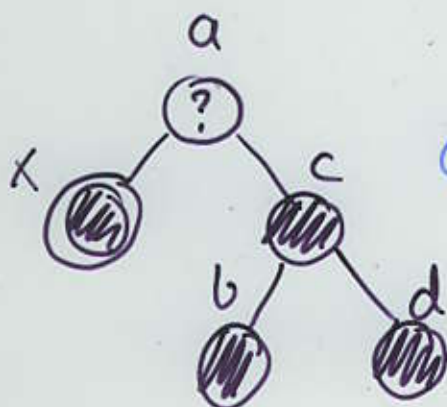


venstre-rot. +
omfarvning

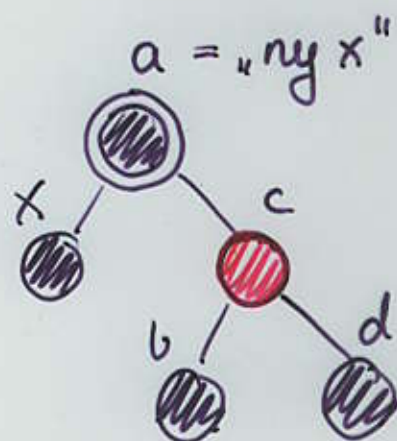


Tilfælde 2, 3
eller 4

Tilfælde 2 : x's bror er sort, og
x's nevøer er sorte



omfarvning

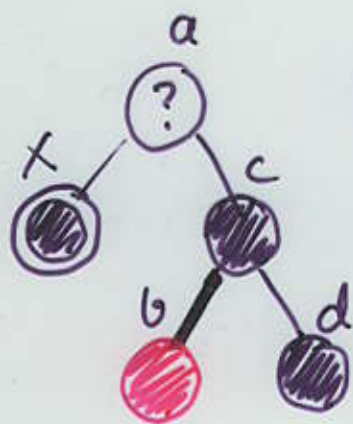


? = rød : færdig !

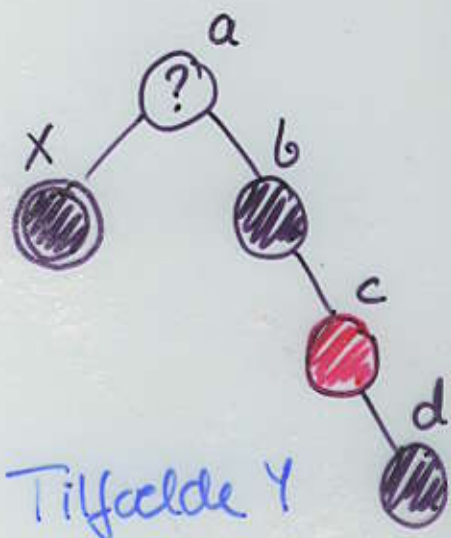
? = sort : ~~Tilfælde~~

problemet er
flyttet opad.

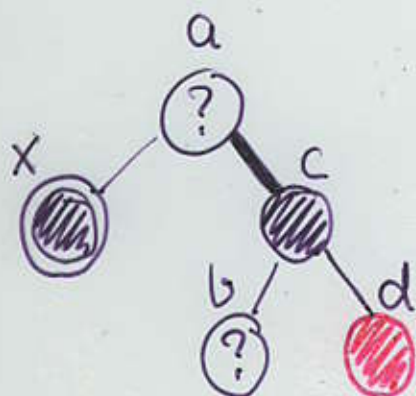
Tilfælde 3: x's bror er sort,
x's "venstre neø" er rød,
x's "højre neø" er sort



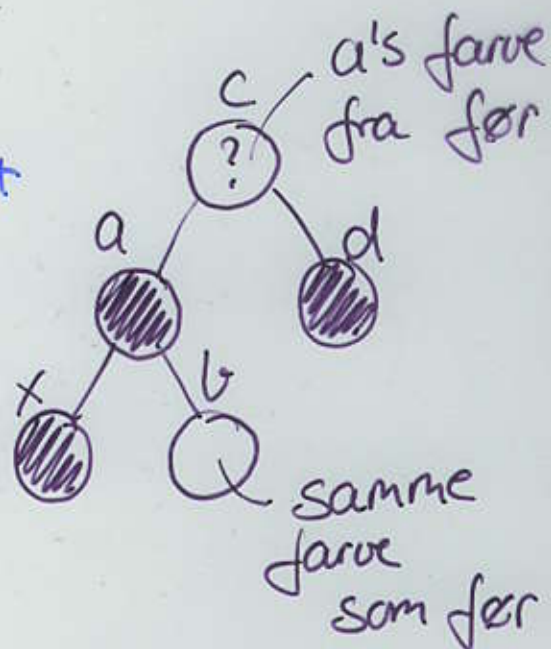
højre-rot. +
omfarvning



Tilfælde 4: x's bror er sort, og
x's "højre neø" er rød



venstre-rot. +
omfarvning



færdig!