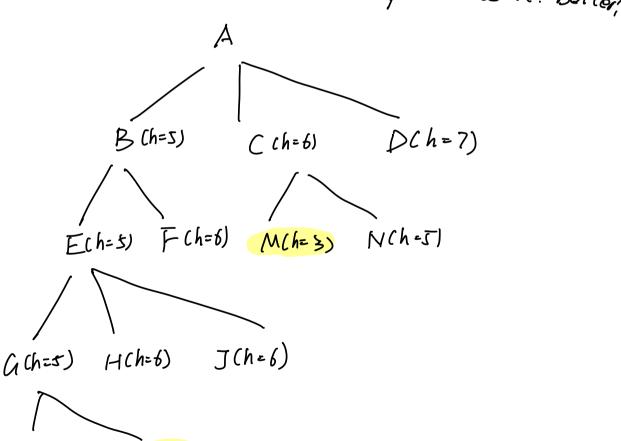
$$A \longrightarrow M$$
 h:cost

K(h=2) M(h=3)



Solution (i) Greedy

Open

A

B(5) C(6) D(7)

A

E(5) F(6) C(6) D(7)

BA

G(5) H(6) J(6) F(6) C(6) D(7)

EBA

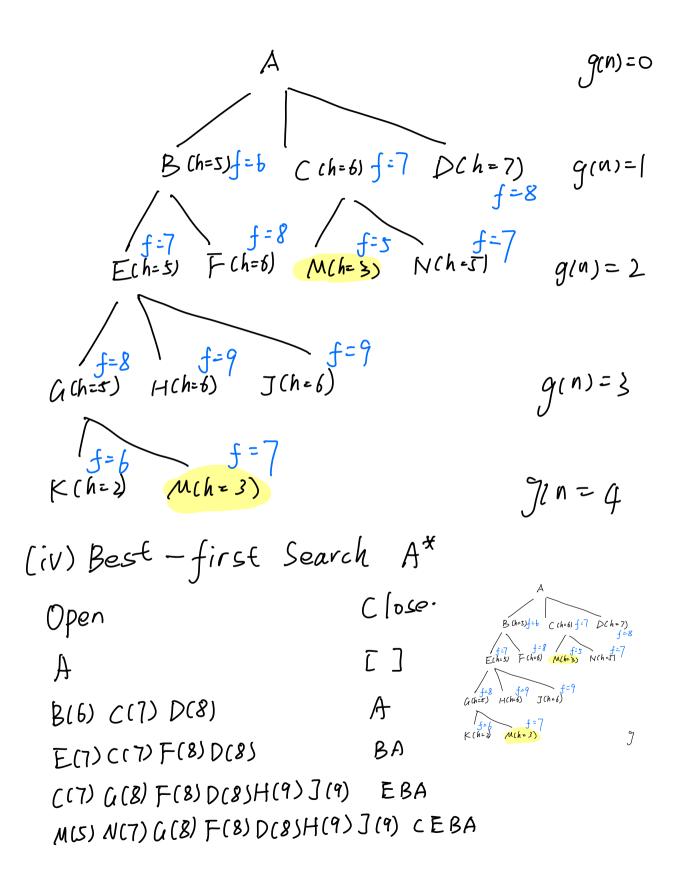
R(2) M(3) H(6) J(6) F(6) C(6) D(7)

M(3) H(6) J(6) F(6) C(6) D(7)

Coal M found!

(ii) didn't find the optimal solution another shorter path can reach $A \Rightarrow C \Rightarrow M$

(iii) update Figure



find the goal M

A > B-> E > C

Best-First finds a better

Solution than (i)