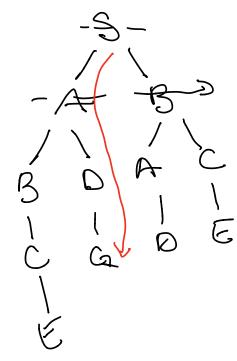
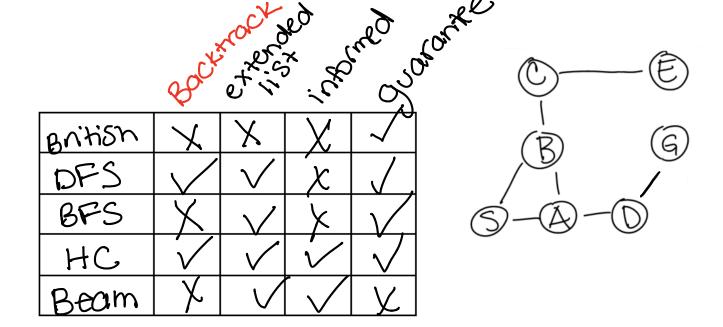


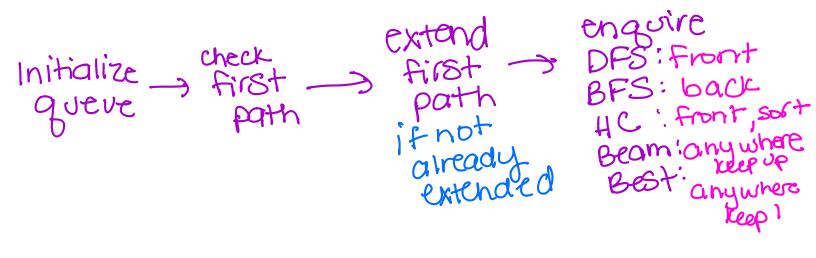
Breath First Search (BFS)



- takes a long time
- disadvantages:
 - went away from
 the goal
 went to the
 - same node more than once

-modify algorithm so it doesn't visit node more than once - use extended hist





Hill climbing (type of DFS)

-informed search

-might actually

go to a local maxim a

Beam Search (only keep promising ways)

w=2 (reep 2
best paths)

- use heuristics

-length may be limited

(ep 50 74 c

Best First: (choose best node = extend out)

How to know which one to use?

-what kind of problem is it?

-Size of soln space (i.e. have
a lot of solns > dfs would
take a long time)