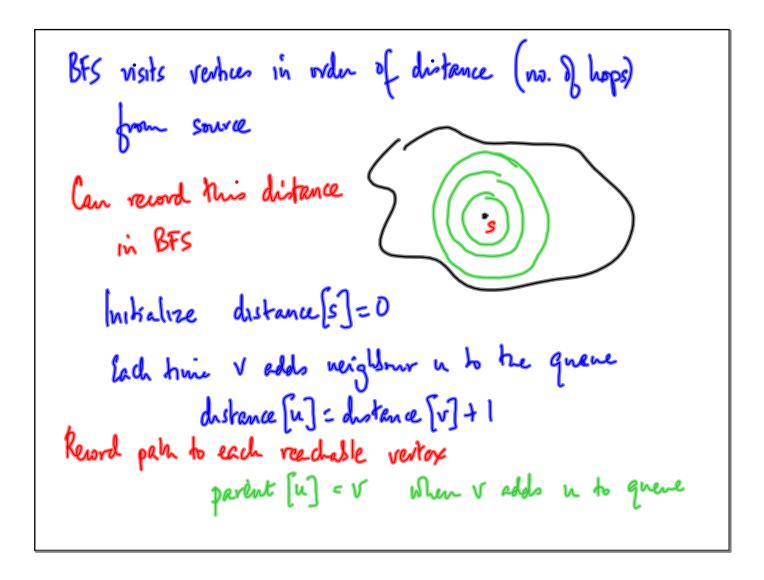
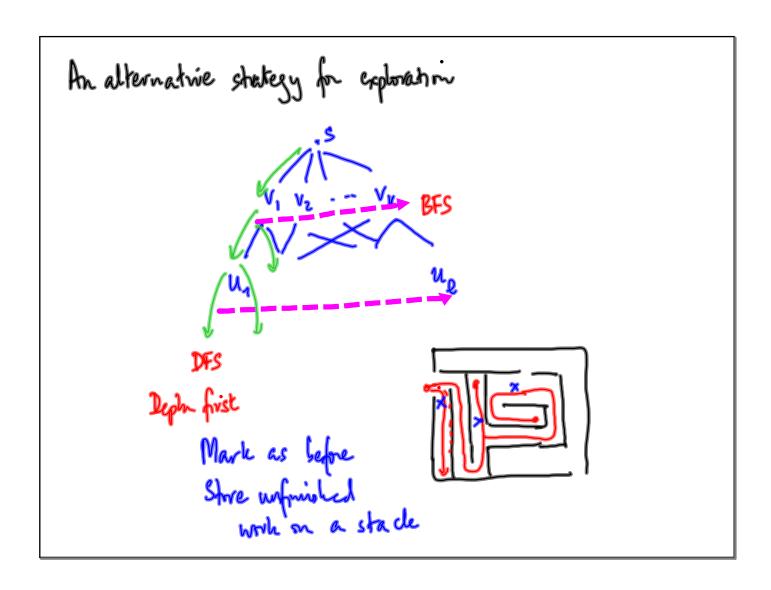
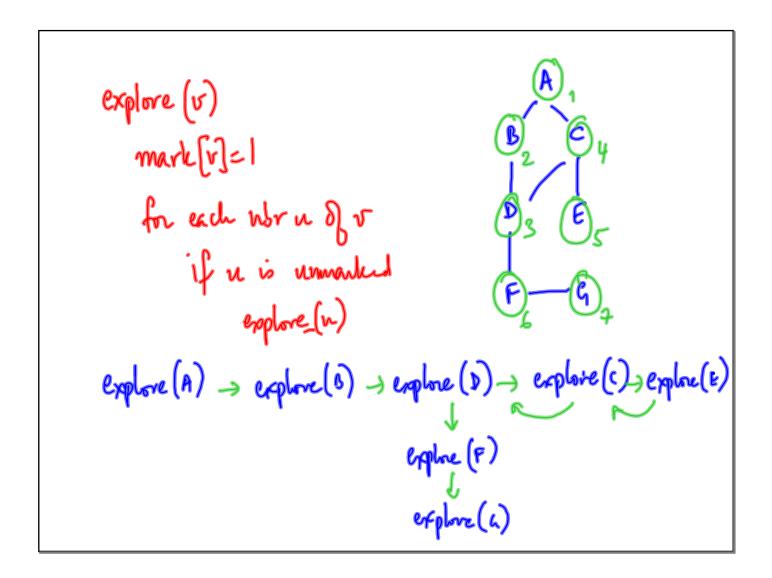
Graphs: G= (V1E) E=VXV < undirected directed livected livected livected livected liver adjacency waters A nxn 0-1 motion | V1=n adjacency list is nbrs of i Exploring a graph via breadth first search (BFS)







```
dfs (a)

explore (v)

for all v mark [v] = 0

for each u in V

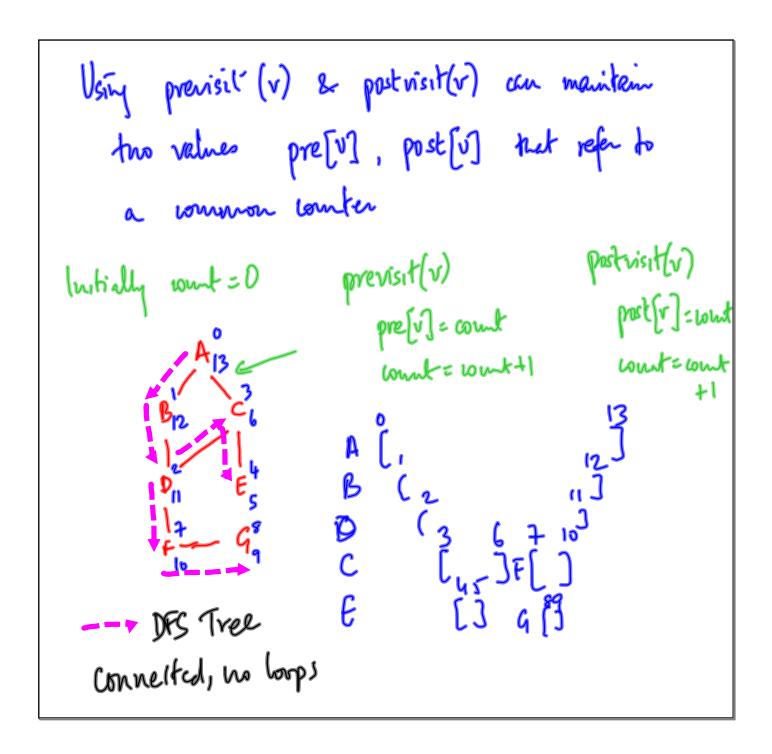
if u is unmarked

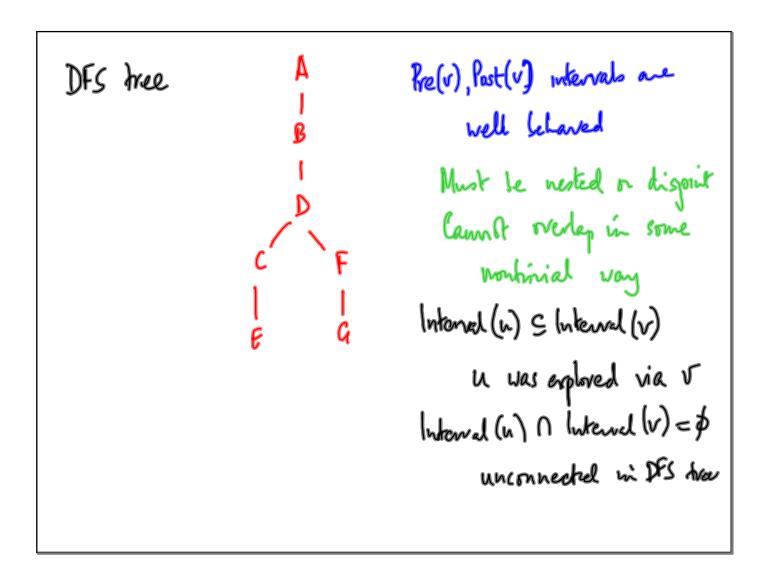
explore (u)

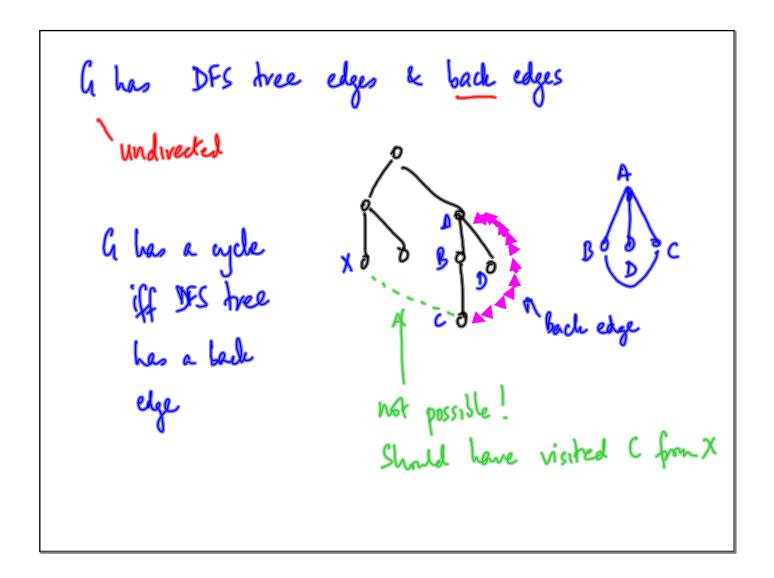
eg. previsit (v)

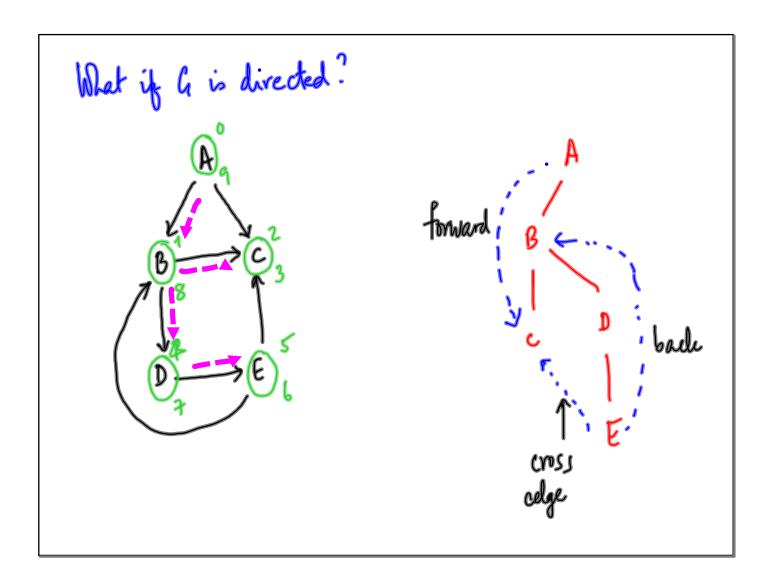
sequence [v] = went

count = count+1 // wout set h 0 inshelly
```









Supplementary Reading

Algorithm Design

Algorithms

Kleinberg & Tardos

Dasgupta, Papadinutrion & Vazirani