2/3/23 Graphs

Arpanet (old infernet

directed: one way edge directed graphs may have weights on edges

con represent graph ul adjacent cy matrix NXN

complete = n ca Non complete graph = sparse

Symmetrie à long d'agoral it undinected graph

Tuays to peach:

Breadth fort seach (he search)

- up givene

- check innediate reach able

bepth search recension or stack

Trees are acyclic graphs

if graph isn, then ntactornal ways to traverse

Makefile is a graph

Topological sort, start from top

kahn's algorithm

Single Source Shortest path (SSS.P)

Hamiltonian path visits exchande once

Eulerian Path visits each edge once

Mincut mapslow al govithor