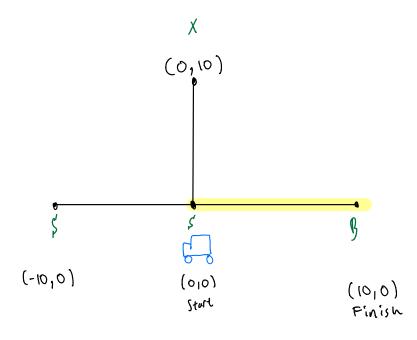


boal

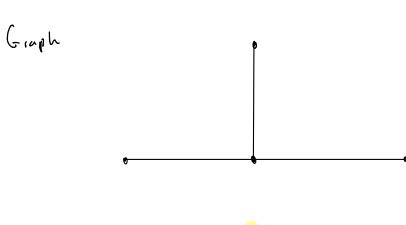
Is to not make the route manually but to type in Destinations and have home algorithm create the route for US.

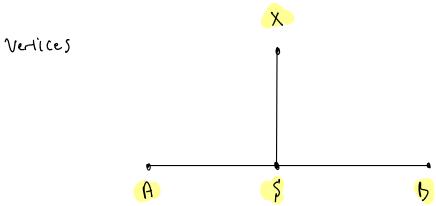
lets call the Algorithm "travel"
Lets suy we want to go from S to B

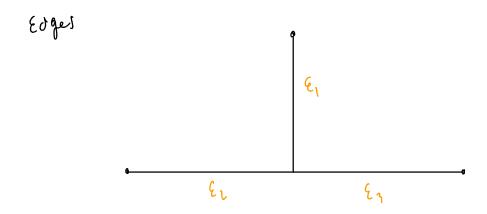
travel ('5', 'B') would be the function call



Graph, Vertices, edges







Test on nodes vs edges

Node 3 & position (10,10), Visited (false) }

Edge 4 (A,B)

Graph

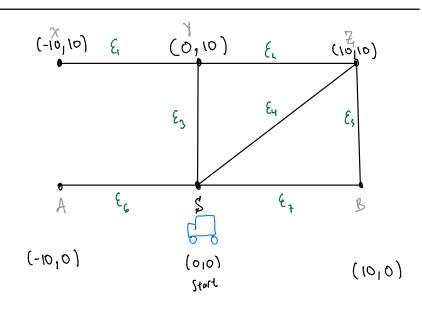
Nove & (edges)

Nove & (edges)

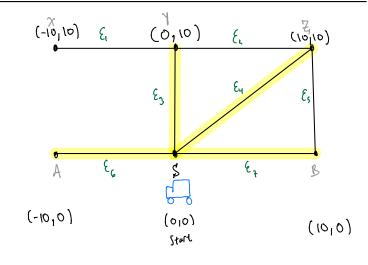
evys (mae 1, nover)

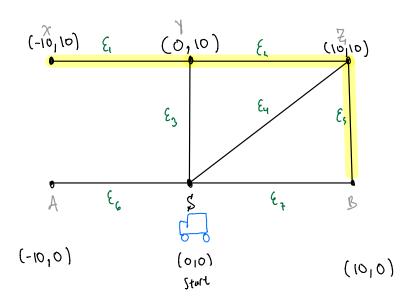
travel (S, X)

Notes discoursed on iteration 1



Notes discoursed on iteration 1





found x on iteration a

gueue

BES Jurtast Porth (Stort Vestex, destinution Vestex):

queve empty

and None & Stort brien to greve

while (9 is not empty):

(curpoth, com Vertex) = queque. deque()

mark curvertur as Ulsital

if convertex = = destination Vertex
return confloto

for all ontgoing Edes from Cur Vertex to Neighbori i

if Neighbori has not been visited i

and (cur Path. append (Edge, worsen), an Wester)

leturn "Fail"