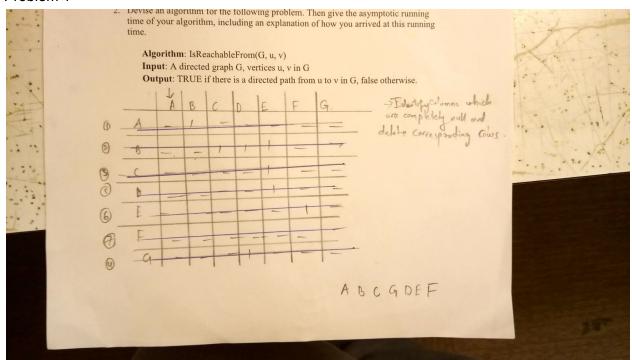
Problem 1



Problem 2

I would apply Dijstra's Algorithm(No need to reinvent the wheel) for determining the shortest path. If the path is there then I would finally return true else i would return false. //Algorithm already given to us in the lecture notes