```
Class Graph:

def. Enet - (selfo adfac - bes):

selfo adfac les - adfac - lis
```

del get - noighbours (self.v): getwen self.adjac (is(v)

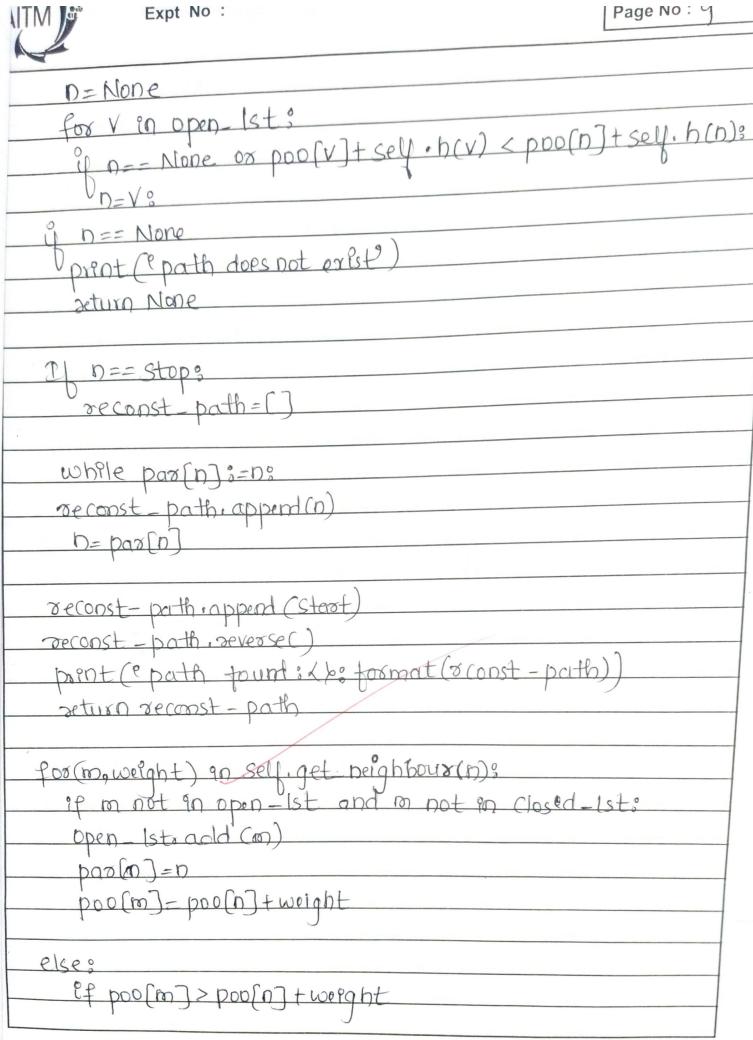
actura H[n]

def a-Stor algorithm (self, Stort, Stop):
open 1st - Set ([Stort])

Closed 1st - Set ([])

where len (open-1st)>0:

AITM, BELAGAVI.





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poo (m) = poo (n) + weight

if m in closed-1st (st. Demove (m) open istoadd (m)

open_1st. remove(n) Closed_Ist.add(n)

print (path does not exist!) seturn None

\$9; ((A), 1), (B), 1), ((C), 1), (A); ((E), 1), (E), 1), (C); ((E), 1) (G), 1), (D); ((H), 1),

Graph 1. a - Star algorithm (5°, °H')