Noun-Pousquattani U SN - 18M18C3067 09/10/2020 LAB-3 8 pupple puoblem: dy of de (suc, tauget, limit, visited states): src = = target: y limit <=0: visited states append (sic) adj = possible mous (sec, visited-status)= for mov in adj. of My (move, target, lemet-1), visited-states): return False. dy possible_moves (state, visited states): Ende: stote . strender (-1) if sud +3 in range (9): d. append ('d') if ind-3 in range (a): d. append ('u') y end not en [0,3,6]: d. append ('v') if send not sur [2,5,8]:
d. applied ('r')

```
/ /
       pos_moves. append (gun ( state, move, End))
return C move for move in pos moves if move
              not in wisted-status]
```

pos_moves = C]

def gen (state, m, b):

for more en d:

temp = state. copy()

a= temp[b+3]

temp[b] = a

temp[b+3] = temp[b]

a = temp[b-3]

temp[b] = a

temp (b-3] = temp[b]

temp[b] = a

a = temp [b-1]

a = temp[b+1]

temp[b] = a

temp[b+1] = temps

temp[b] = temp[b]

if m == 'd';

ely m = = 'u':

dif m = = 'l':

outurn temp

clip m = = 'r':

dy idds (sic, target, dipth): for i in range (1, depth +1);

if de (sec, tauget, i, visited states): return False.