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18 M1842019

8 Puzzle ving bis det bfs (svc, darget) visited - states [] visited states - append = (svc) anv = (svc) 020 while our: C+21 if arv (0) = = target vetorn true and + = possible - mons (avv @], visited_statu) arr. poplo) votor take del posside moves (state, visited statu) be state inden (-1) d = [] if b+3 in ronge (9); J. appud ('d') if b-3 in vay (9); groberg ('v'): of b not in v(9);

d- and ("1"):

it b not in (0, 1,2): approd ('v') presenoved=[] Liv move w 1: pos - moves append (gen (state, mons / b)) retorn (more low move in pos-moves if my not in visited that) det ga (state direte Mon spot): tul = stale. copy() if direch = = d'; a 2 Long (65 +3) tup (65+3) = tup (65) tay (bs) 2 G of donk 2 2 'U' a z tu 1 [65-1] ten/ (65-17 : ten/ (657 In/ (3) 72 a & W din = VI (dir > , 'L' a = lup (bs+1) a = {a (bs -1) fu (bs +1) 2 tu La Fbs-17, fa (bs) Jung a Telu Jul

Jup [65] > c