8 Piece Puzzle Problem

d. append ('n')

def des (cur, target, limit, visited states): if we == tonget: return True if limit LO: return false: mores: possible mones (cur, visited-states) for more in moves; is des Comone, torget, limit-1, visited states return True neturn false des possible mous (eur, visited-etates): ind = state - index (-1) if ind+3 in range (a): d-append (d) if ind -3 in range (a): d. append ('u') : [3, 6,0] mi ton bui]! d. append E'l') if ind not in [2,8,8]:

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if ind + 3 he nounge (a):
     d. append (d)
   1/ 1md -3 in nange (a):
    d. append ('u')
   if ind not in [0,3,6]:
     d. append ('2')
   if ind not in [2,8,8]:
      d. append ('si')
  bor mones & []
  for more ind:
     pos-mones. append (gen (cur, mone, ind)
 return [more for more in pos-mores of
          more not in visited-states ]
det gen ( state, more, 6):
  temp: state. copy ()
  if m=='d':
     a = + emp [b+3]
      temp[b+3] = temp[b]
      temp[6]: a
  elif m== "":
      a: temp[ b-3]
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temp[b-3] : temp[b] termp[b] = a elif m== 1: a = tomp[b-3] temp[6-7]: temp[6] temp[b] = a a = temp [b+1] temp[b+1] = temp[b] Temp[b]= a return temp det iddly erre, torget, dep this: visited-stated = [] foriin range (1, depth + 1): if des love, torget, i, visited-states): sure menter return False