1) The Knight's tow problem

Backtracking works merementally and is an optimization over the Name solution where all possible configurations are generated and tired.

Name

Generate all town one by one and check it generated town cathefred the countraints.

While there are outsited town

Jenerate the next town

If this town covers all equales

Jenerate that path

Rachtracking

if all squares are vikited point the courton

Blee

- a) Add one of next moves to colution vector and reculeively check if this move leads to a colution. (Knight can make man of 8 moves)
- (b) if the more chosen in above they about to a colution they remove that more from colution vector and try alternative moves
- C) if non of alternative moves work then return false (ketruling false will remove the previously added item in recultion and if false is returned by initial call of recultions then no solution enacts)

2 lat In a Maze