Underground Maze
Input File: maze.txt

You are trapped in an underground labyrinth and need to get above ground fast. You must find your way through an 8x8 maze.

Input:

A number N, representing the number of mazes to follow, followed by mazes with an 'S' representing the starting position, an 'X' representing the ending position, a '#' representing a wall, and a '.' at every place you are allowed to move to.

Output:

The maze with a space replacing each '.' you must pass in order to get from start to finish. The 'S' should be replaced with a space and the 'X' should be replaced with the 'S'.

Example Input:	Example Output:
2 ######## #S.....# ######.# ##X###.# ##.#...# ##.###.# #......# ######## ######## #.....S# ###.#### #...#..# #.##...# #.#..#.# #....#X# ########	######## # # ###### # ##S### # ## #.. # ## ### # #. # ######## ######## #.. # ### #### # #..# # ## # # #. # # # #S# ########