MVC application for Maze problem

I have used Eclipse Mars with Maven to create a web application.

JDK version : 1.8
Tomcat7-maven-plugin to run the application

Create a Maze.zip file on the github.
Kindly download,extract and import in eclipse as maven existing project.

Basic Workflow :
The View maze.jsp is calling the Maze Servlet,send the maze question request to servlet which is in turn calling the Maze Service to provide the maze solution and then the html response is flushed back to the browser.

Once it is deployed on the server :
Type in URL : **http://localhost:8080/maze.do** **on the browser**

Input a text of Maze Question

enter your maze question here.

Solve Maze

Enter or Copy/Paste the maze question as shown below.

Input a text of Maze Question

```
#########
#A...#...#
#.#.##.#.#
#.#.##.#.#
#.#....#B#
#.#.##.#.#
#....#...#
#########
```

Copy Paste the Maze Question as shown

Solve Maze

Click on the Solve Maze button to get the result.

Result displayed :

```
Maze Result:


#########
#A@@.#...#
#.#@##.#.#
#.#@##.#.#
#.#@@@@#B#
#.#.##@#@#
#....#@@@#
#########


Time taken in second(s): 14
```

Also you can run in Dos :
java com.intvw.test.MazeSolution "C:\software\peopleNet\maze3.txt"

To test the service independent of UI..
Both the version is zipped into Maze.zip i.e DOS and the WebApplication

```
#########
#A@@.#...#
#.#@##.#.#
#.#@##.#.#
#.#@@@@#B#
#.#.##@#@#
#....#@@@#
#########

No. Of Moves: 14
Time taken in second(s):0

C:\Users\ivanj40\SrpingWorkspace\test\src\test\java>java com.intvw.test.Maze2 "C:\software\peopleNet\maze2.txt"

#############B###########################################
##....########@#.............................@@@#@@@##
##.###.#@@@@@@#####################@@@@@@#######@#@#@#@##
##.####@@@@@@@@@@#######@@@@@@@@@#####@@@@@@#####@#@#@#@##
##.####@@@@@@@@@@########@#......#@####@########@#@#@#@##
##.###################@#.#####.#@#...#@#########@#@#@#@##
##@@@@@@@@@@@@@@@@@@@@@@@..#####.#@##.##@########@#@#@#@##
##@###.##################@#....#.#@##.#@#########@#@#@#@##
##@###.##################@#.###.#@##.##@#########@#@#@#@##
##@###.##...#...#...#...#...#.......#@##.##@#####@#@#@#@##
##@###....#..#...#...#...#..#...######@#.##@#####@#@#@#@##
##@#######################################@#####@#@#@#@##
##@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@...##@########@#@#@#@##
#################################.###########@#@#@#@##
###.............................#########@@@@@@@@#@#@#@##
########################.#.###############.#@#@#@##
#...........................#..........................#@#@#@##
#.#########################.################@#@#@##
#.#..........#@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@#@#@##
#.#.########.#@#####################################@#@##
#.#.......#.#@#@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@#@##
#.#########.#@####################################@#@##
#..........#@#@##.......................@@@@@@@@@@@@##
############@#@#########################@#####.#######
#...........@@@......@@@@@@@@@@@@@@@@@@@@@@####.......#
#####################A#######################

No. Of Moves: 331
Time taken in second(s):0

C:\Users\ivanj40\SrpingWorkspace\test\src\test\java>java com.intvw.test.Maze2 "C:\software\peopleNet\maze3.txt"
```

```
No. Of Moves: 618
Time taken in second(s):0
```