**XX. BASIC MAZE**

# **Program Name: Xx.java Input File: xx.dat**

Gary needs to get his rocket to the finish line but the rocket can't move downwards, it can only stay on the horizontal plane or move upwards.

# = walls that cannot be moved through

- = open spaces that can be passed through

S = the start point of the rocket

E = the end point of the rocket

**Input**

The first line contains a single integer n containing the number of data sets to follow. Each data set will contain one line with integers x and y containing the rows and columns respectively. The next x lines will contain y characters depicting the maze that needs to be traversed. Each data set will be separated by a blank line. Start (S) will always be on the bottom row and end (E) will always be on the top row. Integers x and y will never exceed 100.

**Output**

If the maze is able to be traversed then output "We made it" if not then output "Failure".

**Example Input File**

2

10 10

######E###

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#####-####

#####-####

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-S--------

6 7

-E-----

#####-#

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-##---#

---###-

---S---

**Example Output to Screen**

We made it

Failure