

ALL IZZ WELL

Mr.ESP used to tell “ALL IZZ WELL” whenever he gets into any trouble. So his friends and the people around him used to laugh at him. But Mr.ESP is very strong in his belief. He believes that the term “ALL IZZ WELL” will make everything fine. Now your task is to ignore the story above and find whether there is a path in the given matrix which makes the sentence “ALL IZZ WELL”

There is a path from any cell to all its neighbouring cells. A neighbour may share an edge or a corner.

Input Format

The first line consists of an integer t representing the number of test cases.

The first line of each test case consists of two integers RR and CC representing the number of rows and number of columns in the matrix. The description of the matrix follows.

There is a new line after every test case in the input.

Input constraints:

$t \leq 1000 \quad t \leq 1000$

$R \leq 100$

$C \leq 100$

Output Format

For each test case print "YES" if there is a path which makes the sentence "ALLIZZWELL". Else print "NO".

Sample test

															inputcopy																			
5	3	6	AWE.QX	LLL.EO	IZZWLL	1	10	ALLIZZWELL	2	9	A.L.Z.E..	.L.I.W.L.	3	3	AEL	LWZ	LIZ	1	1															
															outputcopy																			
YES	YES	NO	NO	YES																														