**Problem 1. Table**

Ivancho is playing a new game. He has a table N\*M in each cell of which is placed exactly one robot. Each robot can move from one cell to another if only the two cells have common side. Ivancho wants to make one move with each of the robots so that after all moves there would be exactly one robot in each cell, just like in the beginning. He noticed that this is not possible for every table.

 Write a programme **table** that scans the dimensions of a table and answer the question if it is possible for Ivancho to achieve his goal.

**Input**: The only line of the input file **table.in** contains two integers N and M – the dimensions of the table.

**Output**: The output file **table.out** must contain „Yes” (without the quotes) if Ivancho can achieve his goal and „No” (without the quotes) otherwise.

**TIME LIMIT – 2 sec**

**Constraints:**

1$\leq $N$\leq $1000

1$\leq $M$\leq $1000

 **Note**:You can scan from a file and print into a file by using an operator for that. You can use operator freopen including fstream library and adding the following two lines in the beginning of your main function:

 freopen ( "table.in", "r", stdin );

 freopen ( “table.out”, “w” , stdout );

**Example:**

|  |  |
| --- | --- |
| **table.in** | **table.out** |
| 2 5 | Yes |
| 5 5 | No |