**Wocs and Cows 3**

**Problem Statement:**After the first woc invasion, Farmer John has expanded his farm, and his technology! Farmer John now has N x M cows, standing in a N x M grid! Unfortunately, the wocs have invaded again, replacing some of his cows with wocs. Farmer John's new weapon, the latest Cowinator 2.0, can convert a square of any size of wocs back into cows in one shot. However, Farmer John only has 1 shot of the Cowinator 2.0. Farmer John wants to know at most how many wocs he can convert back into cows in 1 shot, without hitting any cows.

**Input Format:**

Line 1: N M

Line 2..N+1: M digits, each being either 0 or 1, with 1 representing a cow and 0 representing a woc

**Example Input:**

5 5

11111

10011

10011

11011

11101

**Flag Format:**

mctf{w0c5\_4Nd\_cOwS\_3\_[ANSWER]}

[ANSWER]: an integer representing greatest the number of wocs that can be hit

**Example Flag:**

mctf{w0c5\_4Nd\_cOwS\_3\_4}

**Answer Explanation:**

11111

10011

10011

11011

11101