Surrounded Regions

Given a matrix **mat** of size **N x M** where every element is either O or X.
Replace all O with X that are surrounded by X.
A O (or a set of O) is considered to be surrounded by X if there are X at locations just below, just above, just left and just right of it.

Example 1:

```
Input: n = 5, m = 4
mat = {{'X', 'X', 'X', 'X'},
       {'X', 'O', 'X', 'X'},
       {'X', 'O', 'O', 'X'},
       {'X', 'O', 'X', 'X'},
       {'X', 'X', 'O', 'O'}}
Output: ans = {{'X', 'X', 'X', 'X'},
               {'X', 'X', 'X', 'X'},
               {'X', 'X', 'X', 'X'},
               {'X', 'X', 'X', 'X'},
               {'X', 'X', 'O', 'O'}}
Explanation: Following the rule the above
matrix is the resultant matrix.
```

Your Task:
You do not need to read input or print anything. Your task is to complete the function **fill()** which takes n, m and mat as input parameters ad returns a 2D array representing the resultant matrix.

Expected Time Complexity: O(n*m)
Expected Auxiliary Space: O(n*m)

Constraints:
$1 \leq n, m \leq 500$