Largest Area

ZPRAC-16-17-Lab10

[30 Points]

You are given an nxm matrix with only 0 or 1 as its entries. You have to find area of largest submatrix with all entries as 1.

INPUT:
n m (integers)
n rows with m integers each

1≤*m,n*≤20

Output:
One Integer giving the maximum area

Example
4 4
1 1 0 0
1 1 0 0
1 1 1 1
0 0 1 1

Output:
6