

Section-5

Ex-2 $R = \text{int}(\text{input}(\text{"No. of Rows"}))$

$C = \text{int}(\text{input}(\text{"No. of Columns"}))$

$\text{matrix} = []$

for i in range(R):

$\text{matrix.append}([])$

for j in range(C):

$\text{matrix}[i].append(\text{input()})$ # input
matrix

$\text{matrix} 2 = [0 \text{ for } x \text{ in range}(R)] \text{ for } y \text{ in range}(C)$

for i in range(C):

for j in range(R):

$\text{matrix} 2[i][j] = \text{matrix}$ # transpose
is stored

def Area(matrix, R, C):

$\text{area} = R * C$

print(area)

def Perimeter(matrix, R, C):

$\text{per} = 2 * (R + C)$

print(per)

Area(matrix, R, C)

Perimeter(matrix, R, C)