#include <iostream>

#include <string>

#include <map>

#include <vector>

#include <algorithm>

#include <stack>

#include <queue>

#include <cstdio>

#include <cstring>

#include <cassert>

#include <cstdlib>

#define MAX\_N 10

using namespace std;

int dp\_tbl[MAX\_N][MAX\_N];

void pascal\_triangl(int row, int col)

{

if(row < 2 || col < 2) {

return;

}

else {

// Take all row 0th position as 1

for(int i = 0; i < row; i++) {

dp\_tbl[i][0] = 1;

}

// Take all diagonal element as 1

for(int j = 0; j < col; j++) {

dp\_tbl[j][j] = 1;

}

for(int i = 2; i < row; i++) {

for(int j = 1; j < i; j++) {

dp\_tbl[i][j] = (dp\_tbl[i-1][j-1] + dp\_tbl[i-1][j]);

}

}

}

}

int main() {

// your code goes here

int row, col;

cin >>row >>col;

pascal\_triangl(row, col);

cout <<"\n Print pascal Triangle \n";

for(int i = 0 ; i < row; i++) {

for(int j = 0; j < col; j++) {

cout <<dp\_tbl[i][j] <<" ";

}

cout << "\n";

}

return 0;

}