p2.c

```c
#include <stdio.h>
/*
 * Print the following pattern for given number of rows.
 * Enter number of rows: 5
 * 1
 * 2 2
 * 3 3 3
 * 4 4 4 4
 * 5 5 5 5 5
 */

int main()
{

    int rows;

    printf("Enter number of rows: ");
    scanf("%d",&rows);


    // print pattern
    for (int i = 1; i <= rows; i++)
    // outer loop for rows
    {
        for (int j = 1; j <= i; j++)
        // inner loop for columns
        {
            //printf("* ");
            printf("%d ",i);
        }
        printf("\n");
    }

    return 0;
}
```