

## p2.c

```
1 #include <stdio.h>
2 /*
3  * Print the following pattern for given number of rows.
4  * Enter number of rows: 5
5  * 1
6  * 2 2
7  * 3 3 3
8  * 4 4 4 4
9  * 5 5 5 5 5
10 */
11
12 int main()
13 {
14
15     int rows;
16
17     printf("Enter number of rows: ");
18     scanf("%d",&rows);
19
20
21     // print pattern
22     for (int i = 1; i <= rows; i++)
23         // outer loop for rows
24     {
25         for (int j = 1; j <= i; j++)
26             // inner loop for columns
27         {
28             //printf("* ");
29             printf("%d ",i);
30         }
31         printf("\n");
32     }
33
34     return 0;
35 }
36 }
```