

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
```