

**solidRectangle.c**

```
1 #include <stdio.h>
2
3 // Solid Rectangle Program
4
5 int main(){
6
7     // define variables for rows and columns
8     int rows,col;
9     // get user input
10    printf("Enter number of rows: ");
11    scanf("%d",&rows);
12    printf("Enter number of columns: ");
13    scanf("%d",&col);
14
15    // print pattern
16    for (int i = 0; i < rows; i++)
17        // outer loop for rows
18    {
19        for (int j = 0; j < col; j++)
20            // inner loop for columns
21        {
22            printf("* ");
23        }
24        printf("\n");
25    }
26
27 /**
28 * Alternative method
29 */
30
31 /*
32 // print solid rectangle
33 for (int i = 1; i <= rows; i++)
34 // outer loop for rows
35 {
36     for (int j = 1; j <= col; j++)
37         // inner loop for columns
38     {
39         printf("* ");
40     }
41     printf("\n");
42 }
43 */
44
45
46
47
48     return 0;
49 }
```

```
52  /**
53  * Example Output:
54  * Enter number of rows: 4
55  * Enter number of columns: 5
56  * * * * *
57  * * * * *
58  * * * * *
59  * * * * *
60  */
```