

**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 }
50
51
```

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