

```
// printPattern function to print pattern
```

```
void printPattern(int n)
```

```
{ // Variable initialization
```

```
    int line_no = 1; // Line count
```

```
    // Loop to print desired pattern
```

```
    int curr_star = 0;
```

```
    for (int line_no = 1; line_no <= n; )
```

```
    {
```

```
        // If current star count is less than
```

```
        // current line number
```

```
        if (curr_star < line_no)
```

```
        {
```

```
            cout << "* ";
```

```
            curr_star++;
```

```
            continue;
```

```
        }
```

```
        // Else time to print a new line
```

```
        if (curr_star == line_no)
```

```
        {
```

```
            cout << "\n";
```

```
            line_no++;
```

```
            curr_star = 0;
```

```
        }
```

```
    }
```

```
}
```

```
// Driver code
```

```
int main()
```

```
{
```

```
    printPattern(7);
```

```
    return 0;
```

```
}
```