

Write a program in c++ to print the following patterns:

1.

```
* * * * *
```

```
  * * * * *
```

```
    * * * * *
```

```
      * * * * *
```

```
        * * * * *
```

2.

```
* * * * *
```

```
  * * * *
```

```
    * * *
```

```
      * *
```

```
        *
```

3.

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

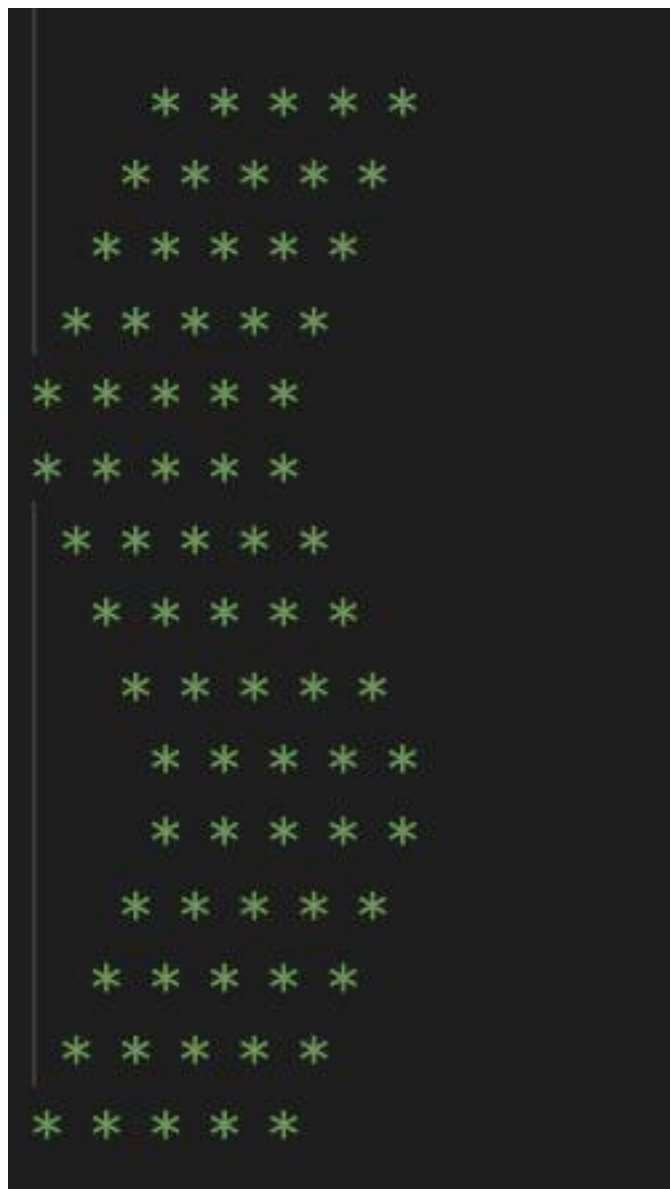
4.



5.



6.



7.



8.



9.

/*

*

* *

* * *

* * * *

* * * * *

* * * *

* * *

* *

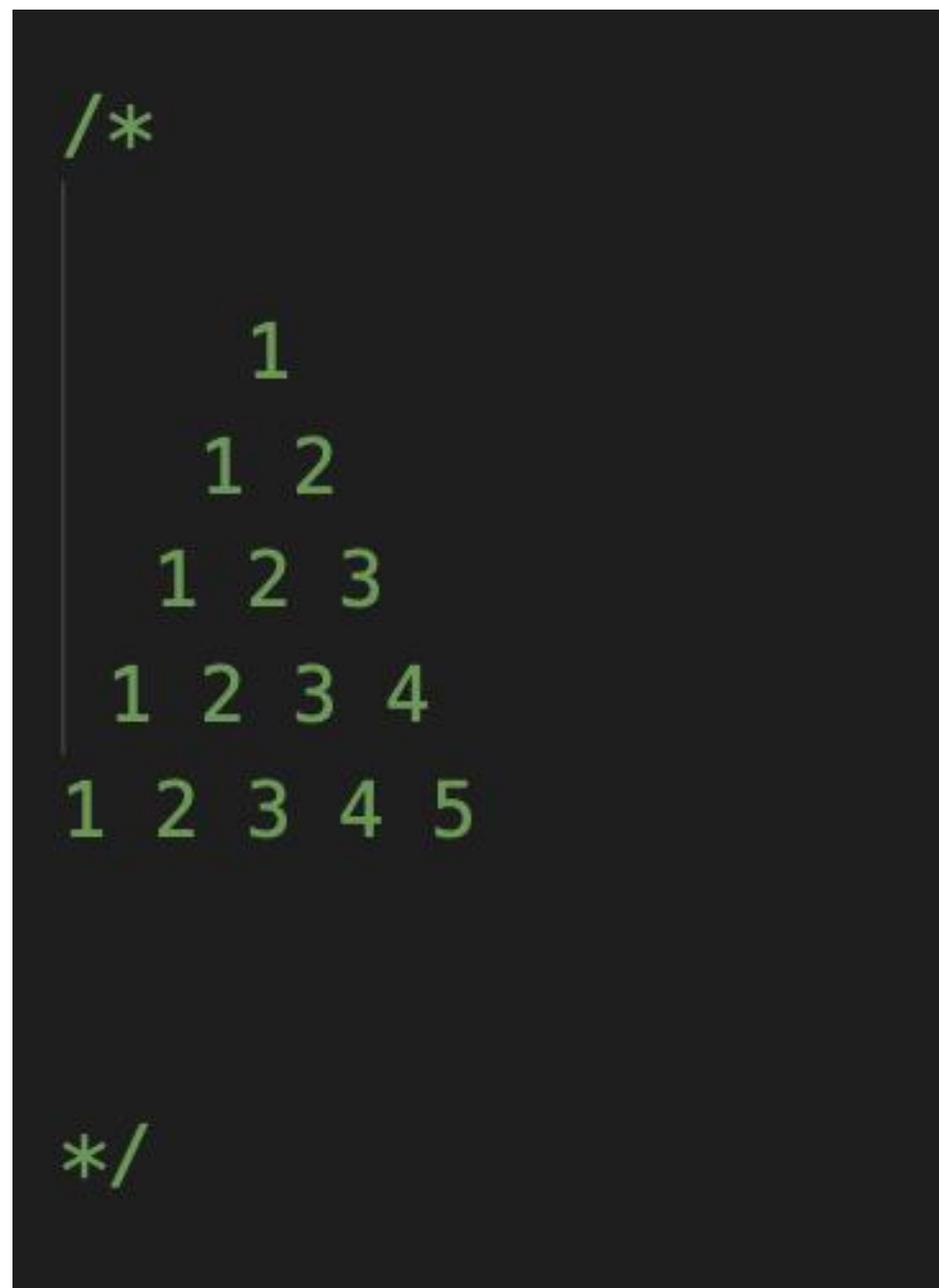
*

*/

10.

```
/*  
  
1  
1 2  
1 2 3  
1 2 3 4  
1 2 3 4 5  
1 2 3 4 5 6  
  
n = 6  
  
*/
```

11.



13.

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27 28 |
```

14.

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

1

1 1

1 1 1

1 1 1 1

1 1 1 1 1

1 1 1 1 1 1

15.

16.

/*

```
    0
   0 0
  0  0
 0    0
0      0
0      0
 0    0
   0 0
    0
```

*/

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

18.

19.

```
3  /*
4
5
6      #
7      # #
8      # * #
9      # * * #
10     # * * * #
11     # * * * #
12     # * * #
13     # * #
14     # #
15     #
16 */
17
```

That's all for now!

Strict instructions:

- You all have to do these questions in your compiler and the Mentors will check anytime in the class.
- The codes written by the students should not be copied from anywhere.

I Repeat, No Plagiarism accepted.

All the questions/explanations should be done on the compiler.

Regards,

The Coders Association Club