



Practice Problems



While Loop Practice Problems

1. Write a while loop that adds all the even numbers up to 10
2. Write a program to find a factorial of a number
3. Write a Python program to reverse a number.

Pattern Programs

13 Simple Number Patterns

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

Pyramid Patterns

Printng Diffrent Pyramid Patterns



```

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

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

      1
     2 3
    4 5 6
   7 8 9 10
  11 12 13 14 15

      *
     * *
    * * *
   * * * *
  * * * * *

```

of Numbers and Stars