1) Write a program to print first 10 natural number, using for and while loop.

2) WAP to print number upto 20 at the step of 4.

3) WAP to print table of 5 using step in loop.

4) WAP to print reverse number 20 to 10.

5) WAP to print table of number given by user and format of, 5*1=5.
Note:- Without using step

6) WAP to print table of 5 to 13 and format of, 5*1=5.
Note:- Without using step

7) Reverse the given number like 123-->321

8) Add the given number like 123 ---> 1+2+3=6

9) Print a pattern using loops

@@@@@
@@@@@
@@@@@
@@@@@
@@@@@

10) Print a pattern using loops

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

11) Print pattern like this

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

12) Print a pattern like this

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

17) Print pattern like Pyramid of dollor sign $

18) Write a program to print first 10 even number

19) Write a program to find the factorial of a number.

20) Write a program to check whether a number is prime or not.

21) Write a program to display all the numbers which are divisible by 11 but not by 2 between 100 and 500.

22) Write a program to print numbers from 1 to 20 except multiple of 2 & 3.

23) Accept a number and check whether it is palindrome or not.

24) Fibonacci sequence:
0 1 1 2 3 5 8 13 21 34

25) Write a Python program to check the validity of password input by users. Go to the editor

Validation :

- **At least 1 letter between [a-z] and 1 letter between [A-Z].**
- **At least 1 number between [0-9].**
- **At least 1 character from [$#@].**
- **Minimum length 6 characters.**
- **Maximum length 16 characters.**