Python

- 1. WAP to print first **n** natural numbers (input n from user).
- 2. WAP to find sum of first **n** natural numbers
- 3. WAP to print first **n** natural numbers in reverse order.
- 4. WAP to input a number and print its factorial.
- 5. WAP to print Fibonacci sequence till n.
- 6. WAP to print all digits of a number input from user.
- 7. WAP to find sum of all digits of a number.
- 8. WAP to find sum of following series given n as input from user

Where n! denotes the factorial of number n.

- **9.** WAP to input base and exponent and print result without using inbuilt function pow(use for or while loop).
- **10.** Print following patterns:



11. Print following number patterns:

1	1	5	1
22	12	44	22
333	123	333	333
4444	1234	2222	4444
55555	12345	11111	55555

12. Print following character patterns:

A	A	A	A
AB	BC	BB	ABA
ABC	DEF	CCC	ABCBA
ABCD	GHIJ	DDDD	ABCDCBA
ABCDE	KLMNO	EEEEE	ABCDEDCBA