

## Problems-3

1. Program to print table of a number, says 5.
2. Program to print sum of natural numbers between 1 to 7. Print the sum progressively, i.e after adding each natural number, print sum so far.
3. Program to print sum of natural numbers between 1 to 7.
4. Program to calculate the factorial of a number.
5. Program to calculate and print the sum of even and odd integers of the first n natural numbers.
6. Program to implement 'guess the number' game. Python generates a number randomly in the range [10,50]. The user is given five chances to guess a number in the range  $10 \leq \text{number} \leq 50$ .
7. Program to illustrate the difference between break and continue statements.
8. Program to input some numbers repeatedly and print their sum. The program ends when the users say no more enter (normal terminator) or program aborts when the number entered is less than zero.
9. Program to input a number and test if it is a prime number.
10. Program that searches for prime number from 15 through 25.