1. **Find the factorial of a given number.**

Write a program to use the loop to find the factorial of a given number.

The factorial (!) means to multiply all whole numbers from the chosen number down to 1.

For example: calculate the factorial of 5

5! **=** 5 × 4 × 3 × 2 × 1 **=** 120

Output:

120

1. Take a user input as integer N. Find out the sum from 1 to N. If any number if divisible by 5, then skip that number. And if the sum is greater than 300, don't need to calculate the sum further more. Print the final result.
2. Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). Use the range function.
3. Write a program to print whether a given number is a **prime number** or not
4. Reverse a given integer number.

Example:

Input:76542

Output:24567