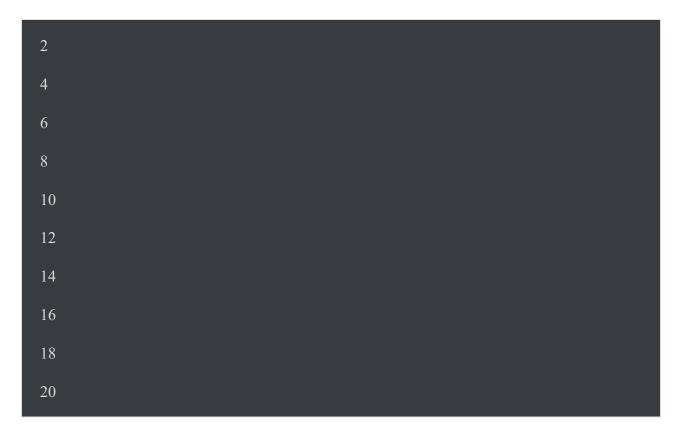Solve all the following problems using the "while" loop.

1. Calculate the sum of all numbers from 1 to a given number.

2. Write a program to print multiplication table of a given number

For example, num = 2 so the output should be

```
2

4

6

8

10

12

14

16

18

20
```

3. Count the total number of digits in a number: Write a program to count the total number of digits in a number using a while loop.

For example, the number is **75869**, so the output should be **5**.

4. Print list in reverse order using a loop

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