

You are not allowed to use predefined functions to solve this exercise.

1. Write a program that asks for a float number as Celsius and converts this number into its Fahrenheit equivalent in to two decimal places.
2. Write a program that take three integers as input and find the maximum among them.
3. Write a program that counts the number of digits in a given integer. Display also the smallest and highest integer.

Sample Output:

Please enter a number: **12345**

Number of digits in the given number is: 5

Smallest number is: 1

Highest number is: 5

4. Write a program that calculates the sum of all numbers from 1 to a given number. Print the resulting sum after.
5. Write the following functions
 - `def decToBinary(dec)`
 - `def binaryToN(bin, type)`
 - `def decToOctal(dec)`
 - `def decToHex(dec)`
 - `def main()` – call all the function