Task1:
You need to write a function in python that return all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). Return the obtained numbers in a comma-separated sequence on a single line.

Task2:
You need code a function that calculates and returns the value according to the given formula:
P = Square root of [(2 * A * B)/C]
Following are the fixed values of A and B:
A is 50. B is 30.
The values of the literal C should be taken as console input to your program in a comma-separated sequence.
Example
Let us assume the following comma separated input sequence is given to the program:
100,150,180
The output of the program should be:
18,22,24

Task3:
You need to write a function that takes a comma separated sequence of words as input and prints the words in a comma-separated sequence after sorting them alphabetically.
Suppose the following input is supplied to the program:
without,hello,bag,world
Then, the output should be:
bag,hello,without,world

Task4:
You need to write a program that takes sequence of lines as input and prints the lines after making all characters in the sentence capitalized.
Suppose the following input is supplied to the program:
Hello world
Practice makes perfect
Then, the output should be:

HELLO WORLD
PRACTICE MAKES PERFECT

Task5:
You need to write a function that counts the number of vowels in a given sentence as input from console.
Suppose the following input is supplied to the program:
Hello world
Practice makes perfect
Then, the output should be:
a appeared 2 times
e appeared 5 times
i appeared 1 time
o appeared 2 times
u appeared 0 time
PRACTICE MAKES PERFECT

Task6:
You need write a function that traces and makes a list of all such numbers from1000 to 3000 in which all the digits are even numbers.

Task7:

You need to write a code which accepts a sequence of comma separated **4 digit binary numbers** as its input and then check whether they are divisible by 5 or not. The numbers that are divisible by 5 are to be printed in a comma separated sequence.

Example:

0100,0011,1010,1001

Then the output should be:

1010

Reference: **https://www.datacamp.com/.../python-data-type-conversion**

Task8:

Write a program that accepts a sentence and calculate the number of letters and digits.

Suppose the following input is supplied to the program:

hello world! 123

Then, the output should be:

LETTERS 10

DIGITS 3