1. Write a Python program to find those numbers which are divisible by 7 and multiples of 5, between 1500 and 2700 (both included).

2. Write a Python program to guess a number between 1 and 9.
   Note : User is prompted to enter a guess. If the user guesses wrong then the prompt appears again until the guess is correct, on successful guess, user will get a "Well guessed!" message, and the program will exit.

3. Write a Python program that prints each item and its corresponding type from the following list.
   Sample List : datalist = [1452, 11.23, 1+2j, True, 'gauravwebsite', (0, -1), [5, 12], {"class":'V', "section":'A'}]

4. Write a Python program that iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for multiples of five print "Buzz". For numbers that are multiples of three and five, print "FizzBuzz".
   Sample Output :
   fizzbuzz
   1
   2
   fizz
   4
   buzz

5. Write a Python program that accepts a sequence of comma separated 4 digit binary numbers as its input. The program will print the numbers that are divisible by 5 in a comma separated sequence.
   Sample Data : 0100,0011,1010,1001,1100,1001
   Expected Output : 1010

6. Write a Python program that accepts a string and calculates the number of digits and letters.
   Sample Data : Python 3.2
   Expected Output :
   Letters 6
   Digits 2

7. Write a Python program to check the validity of passwords input by users.
   Validation :

   - At least 1 letter between [a-z] and 1 letter between [A-Z].
   - At least 1 number between [0-9].
   - At least 1 character from [$#@].
   - Minimum length 6 characters.
   - Maximum
   - length 16 characters.

8. Write a Python program to find numbers between 100 and 400 (both included) where each digit of a number is an even number. The numbers obtained should be printed in a comma-separated sequence.

9. Write a Python program to calculate a dog's age in dog years.
   Note: For the first two years, a dog year is equal to 10.5 human years. After that, each dog year equals 4 human years.
   Expected Output:

   Input a dog's age in human years: 15
   The dog's age in dog's years is 73

10. Write a Python program to convert a month name to a number of days.
    Expected Output:

    List of months: January, February, March, April, May, June, July, August
    , September, October, November, December
    Input the name of Month: February
    No. of days: 28/29 days