Questions,11feb,2022

1.Write a Python program to calculate an age in year.

2 . Write a Python class named Rectangle constructed by a length and width and a method which will compute the area of a rectangle.

3. Write a Python program to find a valid substring of a given string that contains matching brackets, at least one of which is nested.

4.Write a Python program to find four positive even integers whose sum is a given integer

5.. Write a Python function that accepts a string and calculate the number of upper case letters and lower case letters. Go to the editor
Sample String : 'The quick Brow Fox')

6.Write a Python function to check whether a number falls in a given range.

7.Write a Python program to find the first repeated character in a given string.

8.Write a Python program which reads an integer n and find the number of combinations of a,b,c and d (0 ≤ a,b,c,d ≤ 9) where (a + b + c + d) will be equal to n.

9.Write a Python program to find the coordinates of a triangle with the given side lengths.

10. Write a Python program to find the positions of all uppercase vowels (not counting Y) in even indices of a given string.