Assignment 2

1. This is a fruit list, ['banana', 'orange', 'mango', 'lemon'] reverse the order using loop.

2. Write a python program to print the first 10 numbers Fibonacci series

3. Write a python program to print all prime numbers between 0 to 100 , and print how many prime numbers are there.

4. Write a python program to read a number ,if it is an even number , print the square of that number and if it is odd number print cube of that number.

5. Write a python program to find the longest word in a given sentence

6. Finding the average of 5 numbers using while loop

7. Python program to find the sum of the digits of an integer using while loop

8. Arun took a loan of Rs1,00,000 at an interest of 5% to buy a car.
   Using the formula: interest = principal value * rate and amount = principal + interest, print the interest and amount to be paid for each of the next 5 years.

9. Using if loop, find out if the year 2034 and 2048 are leap years