Assignment -3

1. WRITE a function Program to find the LCM of two numbers and display it.

2. Write a function program to find the GCD of two numbers.

3. Write a function Program to Make a Simple Calculator

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Output

Select operation.
1.Add
2.Subtract
3.Multiply
4.Divide
Enter choice(1/2/3/4): 3
Enter first number: 15
Enter second number: 14
15 * 14 = 210
```

4. Write a function program to Display Fibonacci Sequence Using Recursion.

5. Write a function program to Find Factorial of Number Using Recursion.

6. Write a program to Convert Decimal to Binary, Octal and Hexadecimal.

7. Write a program to Sort Words in Alphabetic Order.

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Exercise

Using following list of cities per country,
    usa = ["atlanta", "new york", "chicago", "baltimore"]
    uk = ["london", "bristol", "cambridge"]
    india = ["mumbai","delhi", "banglore"]

(1) Write a program that asks user to enter a city name and it should tell you which country it belongs to

(2) Write a program that asks user to enter two cities and tell you if they both are in same country or not