RAMAIAH
Institute of Technology

Ramaiah Institute of Technology
(Autonomous Institute, Affiliated to VTU)
Department of Computer Science & Engineering

Python Programming Laboratory (CSL48)

USN: **Week #: 01**

Semester: **Section:** **Date:**

Instructions:

- **Implement the following programs using python language.**

Programs:

1. Write a python program to check the eligibility for voting using if-else.

2. Write a python program to read 2 numbers from Keyboard. Read the choice (1-Add, 2-Subtract, 3-Multiply, 4-Divide) from the user and perform the operation.

3. Write a python program to read 4 subject marks and display grades. (91-100: S Grade, 81-90: A Grade, 71-80: B Grade, 61-70: C Grade, 51-60: D Grade, 41-50: E Grade, 00-40: F Grade).

4. Write a python program to find the factorial of number using while loop.

5. Write a python program to display all the prime numbers within an interval using for loop.

6. Write a Python program to display if the entered number is an Armstrong number or not.

7. Write a python program to display all the prime numbers between a range.

8. Write a Python program to construct the following pattern, using a nested for loop.

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* * *
* * * *
* * * * *
* * * *
* * *
* *
*
```

9. Write a python program that asks the user to guess the lucky number. There will be five chances to guess the lucky number. Use a while loop and a counter. The program

asks for five guesses (no matter whether the correct number was guessed or not). If the correct number is guessed, the program outputs "Good guess!", otherwise it outputs "Try again!". After the fifth guess it stops and prints "Game over."

EVALUATION			
Program	**Remarks**	**Marks**	**Faculty Signature**
Program - 1			
Program – 2			
Program – 3			
Program – 4			
Program – 5			
Program – 6			
Program – 7			
Program – 8			
Program – 9			