**LIST OF PRACTICALS**

1. Write a program to calculate the area of rectangle by:

(i) assigning values to length and breadth.

(ii) taking input from the user.

2. Write a program to swap two numbers using:

(i) temp variable

(ii) multiple assignments

3. Write a program to show the use of built-in functions and methods for the following data types:

(i) numeric

(ii) string

(iii) list

(iv) tuple

(v) set

(vi) dictionary

4. Write a program to find the maximum of three numbers using nested if-else statement.

5. Write a program to prompt a user to enter a day of the week. If the entered day of the week is between 1 and 7, then display the respective name of the day.

6. Write a program to find the sum of digits of a number using while loop.

7. Write a program to find the factorial of a number using for loop.

8. Write a program to print numbers between 0 and 10 except 7 and 8.

9. Write a program to create a dictionary of name and age of 5 employees. Take the input name from the user and display the age corresponding to the input name.

10. Write a program that checks whether a number is Armstrong number or not.

11. Write a python function that returns the maximum from two numbers.

12. Write a python function that calculates the factorial of a number.

13. Write a python function that returns the area and perimeter of a rectangle.

14. Write a program to print the following pattern:

1111

2222

3333

4444

A

BB

CCC

DDDD

EEEEE

1

22

333

4444

55555