Osmania University
Faculty of Informatics
MCA Sem I (2019-20)
Python Programming Lab (LTC151) Question Bank

1	Write a program to demonstrate different number data types in Python.
2	Write a program to perform different Arithmetic Operations on numbers in Python.
3	Write a program to create, concatenate and print a string and accessing sub-string from a given string.
4	Python script to print the current date in the format "Sun May 29 02:26:23 2017".
5	Write a program to create, append, and remove lists in python
6	Write a program to demonstrate working with tuples in python.
7	Write a program to demonstrate working with dictionaries in python.
8	Write a python program to find largest of three numbers.
9	Write a Python program to convert temperatures to and from Celsius, Fahrenheit.
10	Write a Python program to construct the different pattern, using a nested for loop.
11	Write a Python script that prints prime numbers less than 20.
12	Write a python program to find factorial of a number using Recursion.
13	Write a program that accepts the lengths of three sides of a triangle as inputs. The program output should indicate whether or not the triangle is a right triangle.
14	Write a python program to define a module to find Fibonacci Numbers and import the module to another program.
15	Write a python program to define a module and import a specific function in that module to another program.
16	Write a script named copyfile.py. This script should prompt the user for the names of two text files. The contents of the first file should be input and written to the second file.
17	Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.
18	Write a Python class to reverse a string word by word.
19	Write a Python class to implement pow(x, n).
20	Write a Python class to reverse a string word by word.

21	Write a python program to find compound interest.
22	Write a python program to check Armstrong number.
23	Write a python program to find area of a circle.
24	Write a python program to print a mathematical table.
25	Write a python program to find sum of squares of first n natural numbers.
26	Write a python program to check whether a string is palindrome or not.
27	Write a python program to implement linear search.
28	Write a python program to implement bubble sort.
29	Write a python program to implement single inheritance.
30	Write a python program to implement exception handling.