United College of Engineering & Research, Prayagraj
Computer Science and Engineering Department
Python Language Programming Lab

Lab Code: KCS453   **Semester: IV**

No.	Program
1	Write a program to demonstrate different number datatypes 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	Write a python script to print the current date in following format "Sun May 29 02:26:23 IST 2017"
5	Write a python 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 temperature to and from Celsius to Fahrenheit
10	Write a python program to construct the following pattern using nested for loop: * ** *** **** ***** ***** **** *** ** *

11	Write a python program to print prim numbers less than 20:
12	Write a python program to find factorial of a number using recursion:
13	Write a python program to that accepts length of three sides of a triangle as inputs. The program should indicate whether or not the triangle is a right-angled triangle (use Pythagorean theorem):
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 tothe 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 implement pow(x, n)
19	Write a Python class to reverse a string word by word
20	Write a program to implement linear search.