## **PSIT College of Higher Education, Kanpur (KN-162)**

## Lab Name: Computer Laboratory and Practical Work of Python

Lab Code: BCA-3001P

S. No Program Name Section A Date  1 Write a python program to Add two numbers which are given by user. 16-July-2024  2 Write a python program to show the working of different operators 18-July-2024  3 Write a python program to calculate Simple Interest and Compound Interest. 23-July-2024  4 Write a python program to find a given number is even or odd 25-July-2024  5 Write a python program to find the largest integer among given three integers using nested if else 30-July-2024  6 Write a python program to calculate the income tax for different slabs. 30-July-2024  7 Write a python program to calculate the eligibility to vote. 6-August-2024  8 Write a python program to input a number and check whether it is prime number or not. 6-August-2024  9 Write a python program to check a number it is palindrome or not 13-August-2024  10 Write a python program to print the factorial of given number 13-August-2024  11 Write a python program to print triangle pattern 20-August-2024  12 Write a python program to print triangle pattern 20-August-2024  13 Write a python program to print pyramid pattern 20-August-2024  14 WAP to access alternate letter from a string 3-Sep-24  15 WAP to count the total no. of words in sentence 10-Sep-24  16 WAP to count the no. of vowels & consonants in a given string. 10-Sep-24  17 WAP of a List and perform the various operations of the list. 17-Sep-24	
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18 WAP of a Tuple and perform the various operations of the Tuple. 17-Sep-24	
19 WAP to create the dictionary and find the keys and values. 24-Sep-24	
20 WAP to sort the dictionary according to the keys 24-Sep-24	
21 WAP to create the phone directory using dictionary. 30-Sep-24	
22 WAP to create user define demo function for finding factorial. 30-Sep-24	
23 WAP to print the fibonacci series up to the given limit by using user define function 8-Oct-24	
24 WAP to print the LCM series of given two integer number by using user define function. 8-Oct-24	
25 WAP to print the HCF series of given two integer number by using user define function. 15-Oct-24	11-25 CT-2
26 WAP to print the LCM series of the given two integer number by using recursive function. 15-Oct-24	
WAP to print the HCF series of the given two integer number by using recursive function. 5-Nov-24	

28	WAP to input two integer number and second number is the power of first number.	5-Nov-24	
29	Demonstrate the time module with functions in Python.	5-Nov-24	
30	Demonstrate the calendar module with functions in Python.	12-Nov-24	
31	Demonstrate the math module with functions in Python.	12-Nov-24	
32	Demonstrate the local, global & reload module with functions in Python.	19-Nov-24	
33	Demonstrate the Exception Handling in Python.	19-Nov-24	
34	Demonstrate the try-except in Python.	19-Nov-24	
35	Demonstrate the Assertion Error Handling in Python.	19-Nov-24	