



B. P. Poddar Institute of Management and Technology

Approved by AICTE, New Delhi & Affiliated to MAKAUT, W.B

Recognized u/s 2f of UGC Act. 1956

EN-31, Salt Lake, Sector V, Kolkata - 700 091

PYTHON PROGRAMMING LAB (BCAC 391)

INDEX				
Name:		Stream:		
University Roll No:		Sem/Year:		
University Reg. No:				
Sl No	Lab Exercises	Date	PageNo	Signature
1.	Write a Python program to add two numbers.			
2.	Write a Python program to find maximum of two numbers.			
3.	Write a Python program for factorial of a number.			
4.	Write a Python program for simple interest.			
5.	Write a Python program for compound interest.			
6.	[i] Write a Python program to swap two variables using third variable. [ii] Write a Python program to swap two variables without using third variable.			
7.	Write a Python program to check if a number is positive, negative or 0.			
8.	Write a Python program to check if a number is odd or even.			
9.	Write a Python program to check leap year.			
10.	Write a Python program to find the largest among three numbers			
11.	Write a Python program to find the factors of a Number.			
12.	Write a Python program to make a simple calculator.			
13.	Write a Python program to check Armstrong number.			
14.	Write a Python program to find area of a circle.			
15.	Write a Python program to print all Prime numbers in an interval.			
16.	Write a Python program for nth Fibonacci number.			
17.	Write a Python program for sum of squares of first n natural numbers.			
18.	Write a Python program to find sum of natural numbers using recursion.			
19.	Write a Python program to display Fibonacci sequence using recursion.			
20.	Write a Python program to find Factorial of number using recursion.			



B. P. Poddar Institute of Management and Technology

Approved by AICTE, New Delhi & Affiliated to MAKAUT, W.B

Recognized u/s 2f of UGC Act. 1956

EN-31, Salt Lake, Sector V, Kolkata - 700 091

PYTHON PROGRAMMING LAB (BCAC 391)

INDEX				
Name :		Stream:		
University Roll No:		Sem/Year:		
University Reg. No:				
Sl No	Lab Exercises	Date	PageNo	Signature
21.	Write a Python program to find sum of array.			
22.	Write a Python program to find largest element in an array.			
23.	Write a Python program to add two matrices.			
24.	Write a Python program to multiply two matrices.			
25.	Write a Python program to transpose a matrix in single line.			
26.	Write a Python program to interchange first and last elements in a list.			
27.	Write a Python program to swap two elements in a list.			
28.	Write a Python program to find length of list.			
29.	Write a Python program reversing a List.			
30.	Write a Python program to find sum of elements in list.			
31.	Write a Python program to find smallest number in a list.			
32.	Write a Python program to find largest number in a list.			
33.	Write a Python program to print even numbers in a list.			
34.	Write a Python program to print all odd numbers in a range.			
35.	Write a Python program to print positive numbers in a list.			
36.	Write a Python program to print all negative numbers in a range.			
37.	Write a Python program Cloning or Copying a list.			
38.	Write a Python program to count occurrences of an element in a list.			
39.	Write a Python program to find Cumulative sum of a list.			
40.	Write a Python program to check if a string is palindrome or not.			



B. P. Poddar Institute of Management and Technology

Approved by AICTE, New Delhi & Affiliated to MAKAUT, W.B

Recognized u/s 2f of UGC Act. 1956

EN-31, Salt Lake, Sector V, Kolkata - 700 091

PYTHON PROGRAMMING LAB (BCAC 391)

INDEX				
Name:		Stream:		
University Roll No:		Sem/Year:		
University Reg. No:				
Sl No	Lab Exercises	Date	PageNo	Signature
41.	Write a Python program to find Least Frequent Character in string.			
42.	Write a Python program to find Maximum frequency character in string.			
43.	Write a Python program to check if a string contains any special character.			
44.	Write a Python program to find the size of a tuple.			
45.	Write a Python program to extract digits from tuple list.			
46.	Write a Python program to find the sum of all items in a dictionary.			
47.	Write a Python program to merge two Dictionaries.			
48.	Write a Python program to print anagrams together in Python using List and Dictionary.			
49.	Write a Python program to remove all duplicates words from a given sentence.			
50.	Write a Python program for counting the frequencies in a list using dictionary.			
51.	Write a Python program to convert a list of Tuples into Dictionary.			
52.	Write a Python program to print the pattern 'G'.			
53.	Write a Python program to print an Inverted Star Pattern.			
54.	Write a Python program to Get Current Date and Time.			
55.	Write a Python program to find yesterday's, today's and tomorrow's date.			
56.	Write a Python program to convert time from 12 hour to 24 hour format.			
57.	Write a Python program to check if email address valid or not.			
58.	Write a Python program to check the validity of a Password.			
59.	Write a Python program for find sum of odd factors of a number.			
60.	Write a Python program for Tower of Hanoi.			