

Lab	Program
1	Week 1: MOOC Course
2	Week 2: MOOC Course
3	Week 3: MOOC Course
4	Week 4: MOOC Course
5	Week 5: MOOC Course
6	Week 6: MOOC Course
7	Week 7: MOOC Course
8	Practical Set 1: 1. Python program to check whether the given number is even or not. 2. Python program to convert the temperature in degree centigrade to Fahrenheit. 3. Python program to find the area of a triangle whose sides are given. 4. Python program to find out the average of a set of integers. 5. Python program to find the product of a set of real numbers. 6. Python program to find the circumference and area of a circle with a given radius. 7. Python program to check whether the given integer is a multiple of 5.
9	Practical Set 2: 1. Python program to check whether the given integer is a multiple of both 5 and 7. 2. Python program to find the average of 10 numbers using while loop. 3. Python program to display the given integer in reverse manner. 4. Python program to find the geometric mean of n numbers. 5. Python program to find the sum of the digits of an integer using while loop. 6. Python program to display all the multiples of 3 within the range 10 to 50. 7. Python program to display all integers within the range 100-200 whose sum of digits is an even number.
10	Practical Set 3: 1. Python program to check whether the given integer is a prime number or not. 2. Python program to generate the prime numbers from 1 to N. 3. Python program to find the roots of a quadratic equation. 4. Python program to print the numbers from a given number n till 0 using recursion. 5. Python program to find the factorial of a number using recursion. 6. Python program to display the sum of n numbers using a list. 7. Python program to implement linear search.
11	Practical Set 4: 1. Python program to implement binary search. 2. Python program to find the odd numbers in an array. 3. Python program to find the largest number in a list without using built-in functions. 4. Python program to insert a number to any position in a list. 5. Python program to delete an element from a list by index. 6. Python program to check whether a string is palindrome or not. 7. Python program to implement matrix addition.
12	Practical Set 5: 1. Python program to implement matrix multiplication. 2. Python program to check leap year. 3. Python program to find the Nth term in a Fibonacci series using recursion. 4. Python program to print Fibonacci series using iteration. 5. Python program to print all the items in a dictionary. 6. Python program to implement a calculator to do basic operations.

	7. Python Program to Remove Odd Indexed Characters in a string.
13	Practical Set 6: 1. Python Program to Reverse a String using Recursion. 2. Python Program to Reverse a String Without using Recursion. 3. Python Program to Count Number of Lowercase Characters in a String. 4. Python Program to Count Number of Uppercase and Lowercase Letters in a String 5. Python Program to Check whether a String is Palindrome or not using Recursion. 6. Python Program to Check if a Given String is Palindrome. 7. Python Program to Find Largest Number in a List.
14	Practical Set 7: 1. Python Program to Print Largest Even and Largest Odd Number in a List. 2. Python Program to Remove Duplicates from a List. 3. Python Program to Swap the First and Last Element in a List. 4. Python Program to 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. 5. Python Program that inputs a text file. The program should print all of the unique words in the file in alphabetical order. 6. Python Program to demonstrate the working of built-in statistical functions mean(), mode(), median() by importing statistics library. 7. Python Program to demonstrate the working of built-in numeric functions ceil(), floor(), fabs(), factorial(), gcd() by importing math module.

Head of Department