



Course Code: CSA0886	Course Name: Python Programming for Crafting Web Applications	
Branch: CSE	Slot: A	Date: 05/07/2024

Session : 08.00 to 11.00

Q. No.	Question
1	Factorial Value Program to find the factors of a whole number using a while loop. Test Case 1: Input: 6 Output: 1 2 3 6 Test Case 2: Input: 8 Output: 1 2 4 8
2	Sum of Positive Find the sum of all the positive numbers entered by the user. <i>NOTE: As soon as the user enters a negative number, stop taking in any further input from the user and display the sum.</i> Test Case 1: Input: 3 4 5 -1 Output: 12 Test Case 2: Input: 2 4 6 -5 Output: 12
3	Prime Program to check if the input number is prime or not. Test Case 1: Input: 20 Output: 20 is not a prime number Test Case 2: Input: 17 Output: 17 is a prime number
4	Pattern Program to print the pattern for a number input by the user. Test Case 1: Input: 5 Output: 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5
5	Prime Program to find prime numbers between 2 to 50 using nested for loops. Test Case 1: Output: 2 3 5 7 11 13 17 19 23 29 31 37 41 43 47