

Netaji Subhash Engineering College
Department of Computer Science & Engineering

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Course Name: IT Workshop (Python)

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Course Code: PCC-CS393

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Sl. No.	Exp. No.	Problem Statement	D.O.E	D.O.S	Marks			Signature of the Faculty with Date	Remarks (if any)
					5	15	20		
1	1	Consider the following series: 1,1,2,3,4,9,8,27,16,81,32,243,64,729,128,2187...This series is a mixture of 2 series. Write a program to find the nth term in the series. The nth term calculated by the program should be printed on the screen. No other character/string or message should be printed besides the value of the nth term.	19/10/23	03/11/23					
2	2	Write a Python program that creates a menu-driven sorting algorithm application.	19/10/23	03/11/23					
3	3	Write a Python program that creates a menu-driven number base converter.	19/10/23	03/11/23					
4	4	Write a Python program to implement stack and queue using a linked list.	19/10/23	03/11/23					
5	5	Write a Python program to build a secure password generator.	19/10/23	03/11/23					
Average Marks									