Index

S. No	Date	List of Exercises	Pg. No.	Sign
Python – Simple Programs				
1.	27.11.2023	Area of Rectangle		
2.	28.11.2023	Calendar		
3.	29.11.2023	Simple Calculator		
4.	30.11.2023	Swapping two numbers		
5.	30.11.2023	Palindrome		
6.	01.12.2023	Find the Number of digits		
7.	11.12.2023	Reverse of Number		
8.	11.12.2023	Square root		
9.	12.12.2023	Quadratic equation		
10.	14.12.2023	Area and perimeter of shapes		
Python – Condition Statements				
11.	15.12.2023	The greatest of three number		
12.	18.12.2023	Grade of a student		
13.	18.12.2023	Leap year		
14.	19.12.2023	Odd or even		
15.	04.01.2024	Positive or negative		
16.	04.01.2024	Armstrong Number		
17.	05.01.2024	Prime or composite		
Python – Iterative Statements				
18.	08.01.2024	Floyd's Triangle		
19.	09.01.2024	Pascal Triangle		
20.	10.01.2024	Right Triangle		
21	11.01.2024	Matrix Manipulation		
Python – Recursion				
21.	12.01.2024	Factorial		
22.	22.01.2024	Fibonacci		
Python – Strings				
23.	24.01.2024	Repeat strings n times		
24.	30.01.2024	Check and count of characters		
25.	02.02.2024	Sum of digits in a string		

26.	02.02.2024	Replace vowel with a character		
27.	05.02.2024	Delete a character in a string		
28.	05.02.2024	Join a character with '-' in a string		
29.	06.02.2024	Count of words, digits, alphabets, and special character in a string		
30.	08.02.2024	String palindrome		
Python – Sequence Data type				
31.	15.02.2024	Convert numbers into words		
32.	19.02.2024	The highest of two values in a dictionary		
33.	20.02.2024	Largest and second largest in a list		
34.	21.02.2024	Insert the element in the desired position in the list		
35.	26.02.2024	Remove duplicate elements in the list		
36.	27.02.2024	Check the numbers whether the number is present in the list or not		
Python – Sorting and Searching				
37.	29.02.2024	Bubble sort		
38.	01.03.2024	Binary search		
39.	05.03.2024	Linear search		
Python – Classes and objects				
40.	08.03.2024	Bank account using constructor		
41.	08.03.2024	Area of a triangle using inheritance		
Python – Exception Handling				
42.	19.03.2024	Division of a number		
Python – Files				
43.	21.03.2024	Read the content from the text file		
Python – GUI				
44.	27.03.2024	Mini Project		