List of Practical	
1.	**Set-1** 1. A program that converts temperatures from Fahrenheit to Celsius and vice versa. 2. A program that calculates the area and perimeter of a rectangle. 3. A program that generates a random password of a specified length. 4. A program that calculates the average of a list of numbers. 5. A program that checks if a given year is a leap year. 6. A program that calculates the factorial of a number. 7. A program that checks if a given string is a palindrome. 8. A program that sorts a list of numbers in ascending or descending order. 9. A program that generates a multiplication table for a given number. 10. A program that converts a given number from one base to another.
2.	**Set-2** 1. A program that models a bank account, with classes for the account, the customer, and the bank. 2. A program that simulates a school management system, with classes for the students, the teachers, and the courses. 3. A program that reads a text file and counts the number of words in it. 4. A program that reads a CSV file and calculates the average of the values in a specified column. 5. A program that reads an Excel file and prints the data in a tabular format.
3.	**Set-3** 1. A program that creates a simple web server and serves a static HTML page. 2. A program that creates a web application that allows users to register and login. 3. A program that creates a web application that allows users to upload and download files. 4. A program that creates a web application that displays data from a database in a tabular format. 5. A program that creates a web application that accepts user input and sends it to a server-side script for processing.
4.	**Set-4** 1. A program that creates a web application that uses a template engine to generate dynamicHTML pages. 2. A program that creates a web application that supports AJAX requests and updates the page without reloading. 3. A program that creates a web application that uses Django's built-in debugging features to troubleshoot errors and exceptions. 4. A program that creates a web application that implements user authentication and authorization. 5. A program that creates a web application that integrates with third-party APIs to provide additional functionality.
5.	**Set-5** 1. A program that creates a simple RESTful API that returns a list of users in JSON format. 2. A program that creates a RESTful API that allows users to create, read, update, and delete resources. 3. A program that creates a RESTful API that authenticates users using a JSON Web Token. 4. A program that creates a RESTful API that paginates the results of a query to improve performance. 5. A program that creates a RESTful API that supports data validation and error handling.

Miscellaneous
Exam Requirement It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.