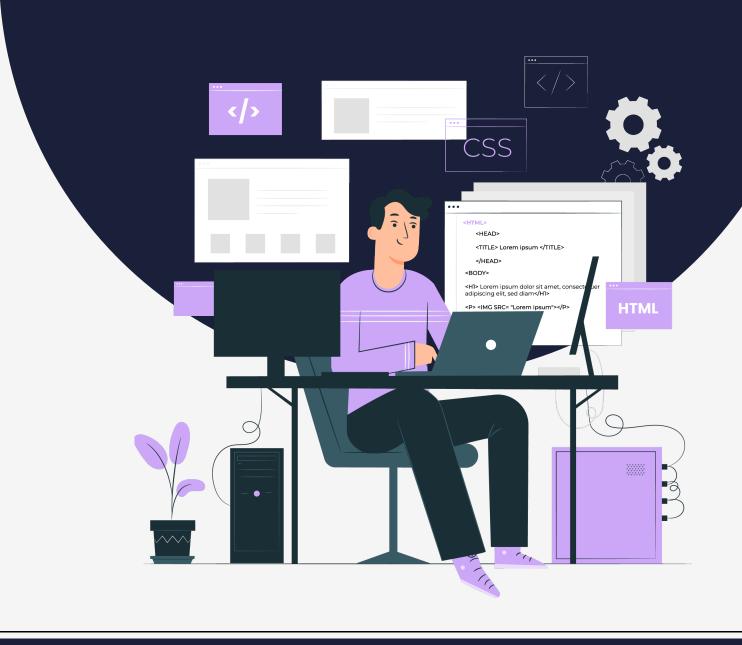# Flask
Assignment

Basics of Flask:

1. Create a Flask app that displays "Hello, World!" on the homepage.
2. Build a Flask app with static HTML pages and navigate between them.
3. Develop a Flask app that uses URL parameters to display dynamic content.
4. Create a Flask app with a form that accepts user input and displays it.
5. Implement user sessions in a Flask app to store and display user-specific data.

Intermediate Flask Topics:

6. Build a Flask app that allows users to upload files and display them on the website.
7. Integrate a SQLite database with Flask to perform CRUD operations on a list of items.
8. Implement user authentication and registration in a Flask app using Flask-Login.
9. Create a RESTful API using Flask to perform CRUD operations on resources like books or movies.
10. Design a Flask app with proper error handling for 404 and 500 errors.

Real-time Development:

11. Create a real-time chat application using Flask-SocketIO.
12. Build a Flask app that updates data in real-time using WebSocket connections.
13. Implement notifications in a Flask app using websockets to notify users of updates.