EXPERIMENT NO. 3

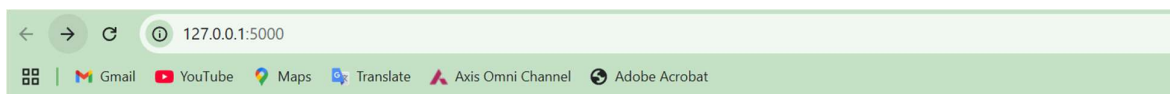| Name of Student	Spandan Deb
Class Roll No	13
D.O.P.	
D.O.S.	
Sign and Grade	

Aim: To develop a basic Flask application with multiple routes and demonstrate the handling of GET and POST requests.
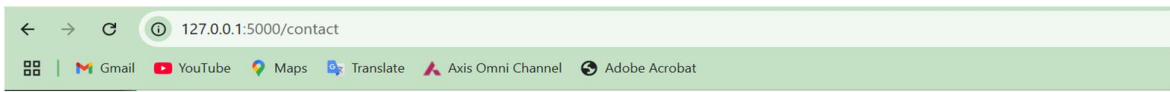
Overview Of Tasks Performed:

This experiment involved developing a Flask application with multiple routes to handle GET and POST requests. Key tasks included creating a homepage with a welcome message and a link to a contact form, implementing a contact form to accept user details, and displaying submitted data on a thank-you page. The application demonstrated dynamic routing, URL building, and the handling of form submissions using Flask's core features.
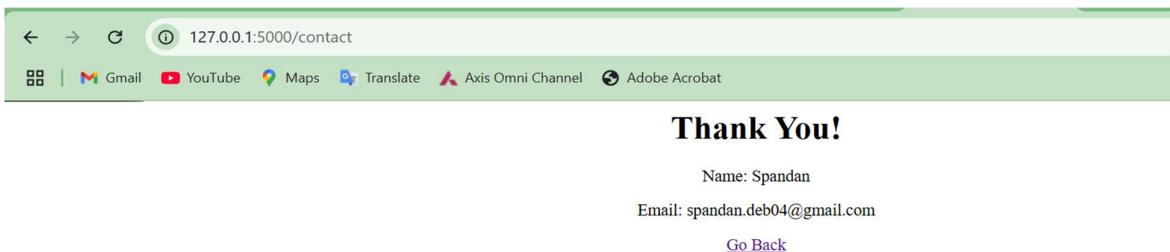
GitHub Link- https://github.com/spandandeb/webex3

Output:

This screenshot shows the homepage of a Flask application running locally on http://127.0.0.1:5000/, displaying a welcome message "Welcome, Guest!" along with a link to a contact form.

This screenshot shows the contact form page of a Flask application running locally on http://127.0.0.1:5000/contact. The form includes fields for the user's name and email.

This screenshot displays a thank-you page, showing a confirmation message. It also contains the Go Back link to go to the previous page.

Conclusion:

This experiment successfully demonstrated the development of a basic Flask application with multiple routes to handle GET and POST requests. The application effectively showcased dynamic routing, URL building, and form handling, allowing users to submit contact information and receive a confirmation. The implementation of core Flask features provided me with valuable insights into web development with Python.