

### EXPERIMENT NO. 3

Name of Student	Sneha Patra
Class Roll No	D15A_40
D.O.P.	<u>20/2/2025</u>
D.O.S.	<u>27/2/2025</u>
Sign and Grade	

**AIM:** To develop a basic Flask application with multiple routes and demonstrate the handling of GET and POST requests.

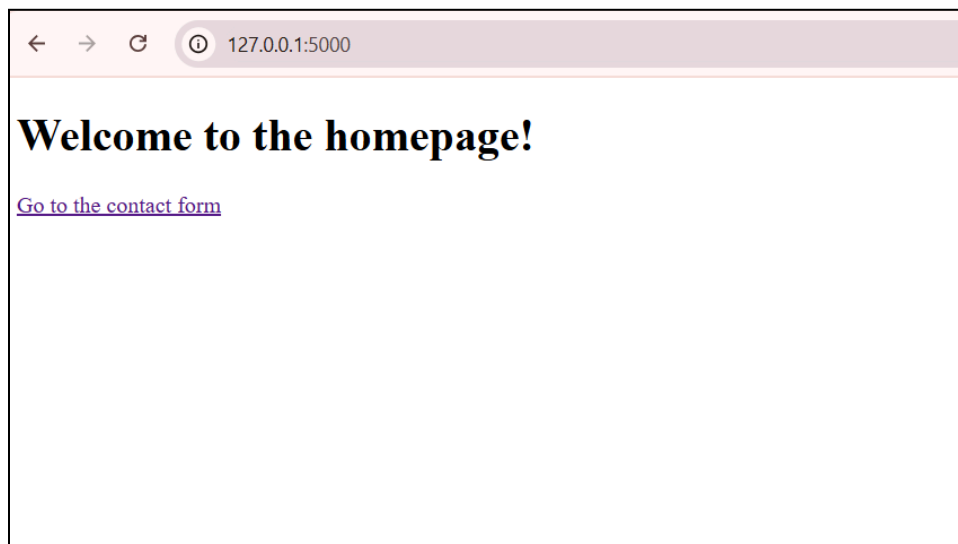
#### **OVERVIEW OF TASKS PERFORMED:**

The Flask web application includes three routes: a homepage (/) with a personalized welcome message using a query parameter, a contact page (/contact) with a form for submitting name and email, and a thank-you page (/thank\_you) that displays the submitted data after the form is submitted via POST. The app demonstrates GET and POST request handling to show dynamic content and process form submissions.

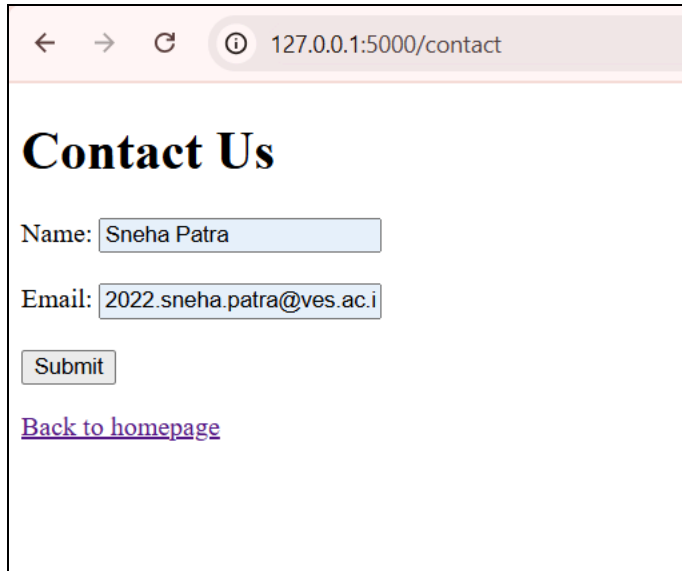
**GitHub Link:** [https://github.com/Sneha0321/WebX\\_EXP3](https://github.com/Sneha0321/WebX_EXP3)

#### **OUTPUT :**

- Successfully displayed the homepage with a personalized welcome message.



- Displayed the contact form for user input.



← → ↻ ⓘ 127.0.0.1:5000/contact

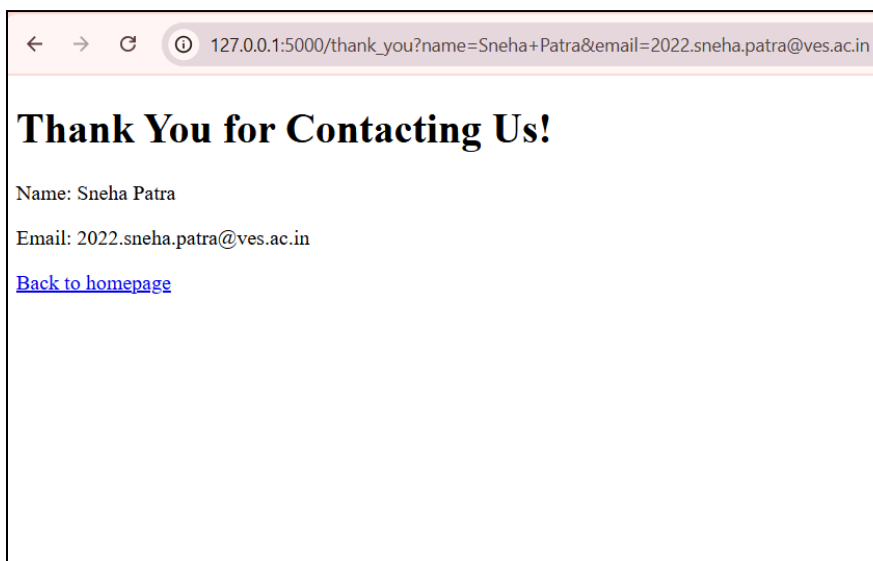
## Contact Us

Name:

Email:

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- Redirected to the thank-you page with user-submitted data.



← → ↻ ⓘ 127.0.0.1:5000/thank\_you?name=Sneha+Patra&email=2022.sneha.patra@ves.ac.in

## Thank You for Contacting Us!

Name: Sneha Patra

Email: 2022.sneha.patra@ves.ac.in

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### **CONCLUSION:**

The Flask application was successfully developed to demonstrate GET and POST request handling. The implementation included multiple routes, form submission, and dynamic rendering using templates. This experiment provided hands-on experience with Flask's core functionalities like routing, request handling, and template inheritance.