PRACTICAL: lab 3

AIM:

Your Tasks

- Complete the Customer registration form and display customer details in a separate panel. Required fields:
    - first name, last name, age, email, message (text box)
    - Photo(Image)
- All validations **REQUIRED** for all Customer entity field attributes. (Respective error message **is to be presented** in UI (dialog/popup/etc)
- Input photo image from file upload and display in pop-up dialog box **(BONUS 2 points)**
- Sync code repo to GitHub

Screenshots (Part 1):

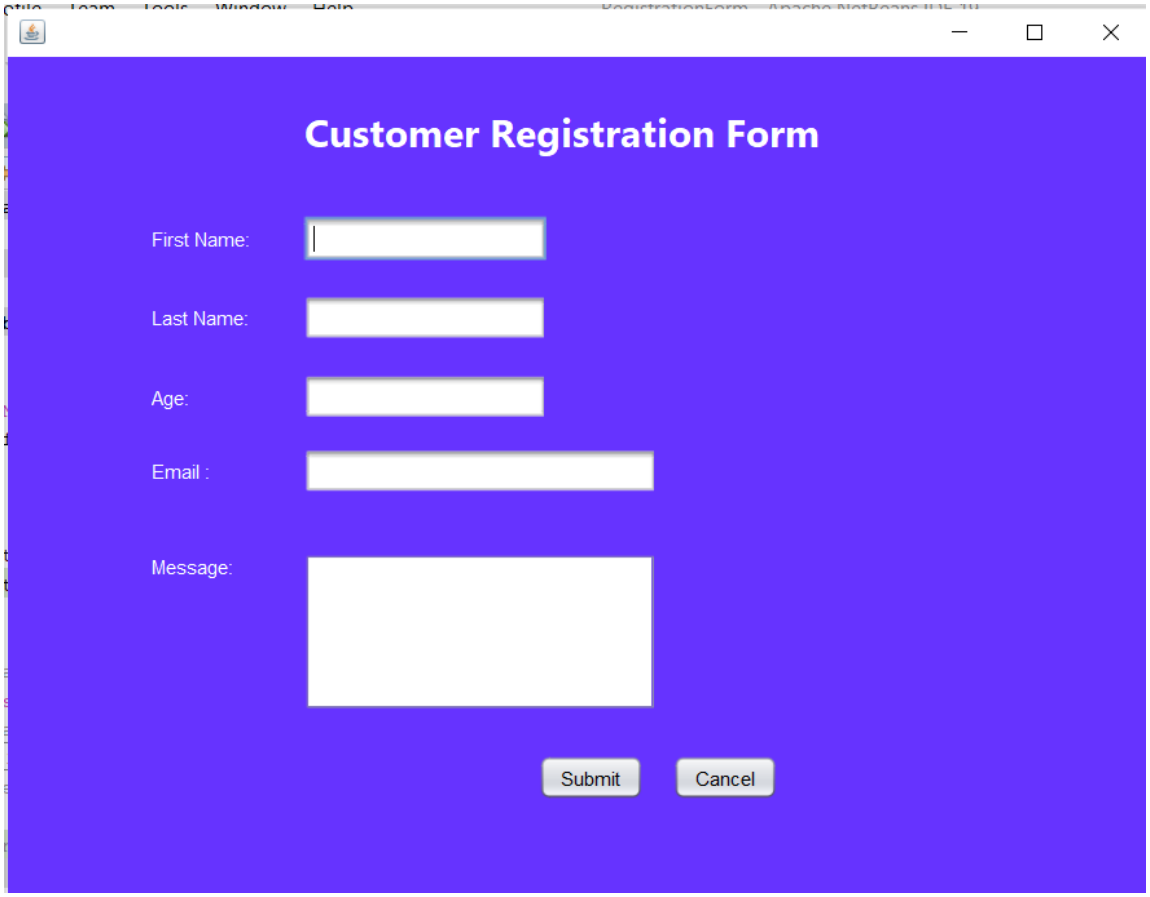

Fig 1: UI of Customer registration form

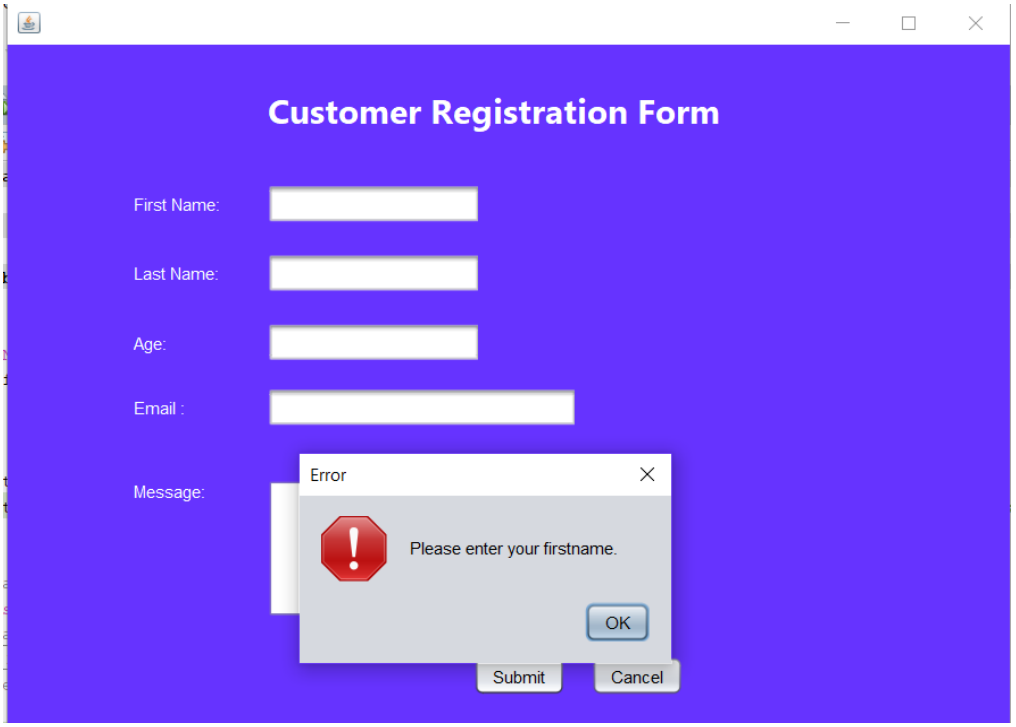

Fig 2: Error pop up in dialog box with error icon for empty first name field

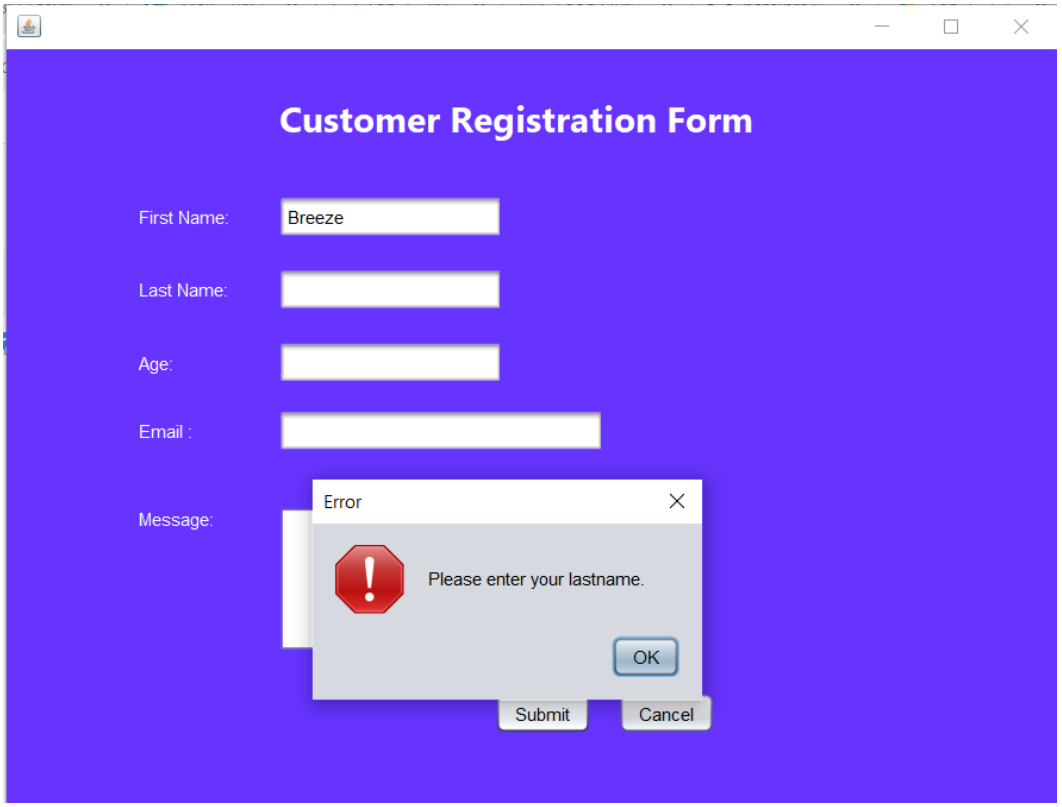

Fig 3: empty last name error dialog pop-up box

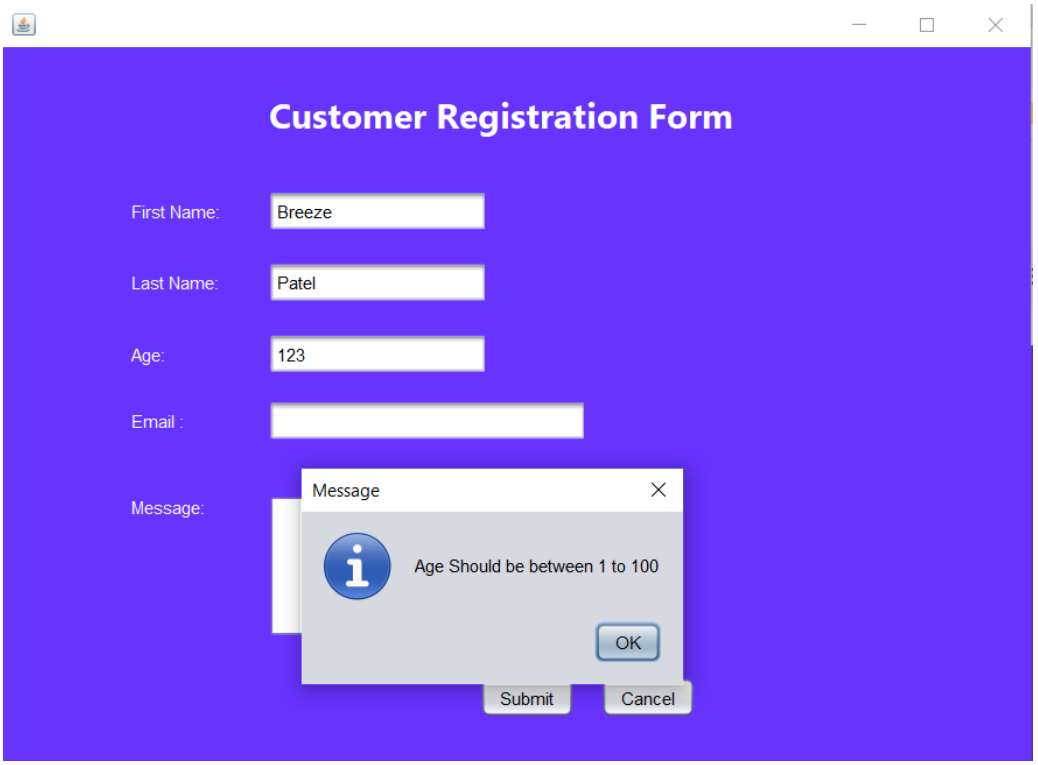

Fig 4: Age Validation

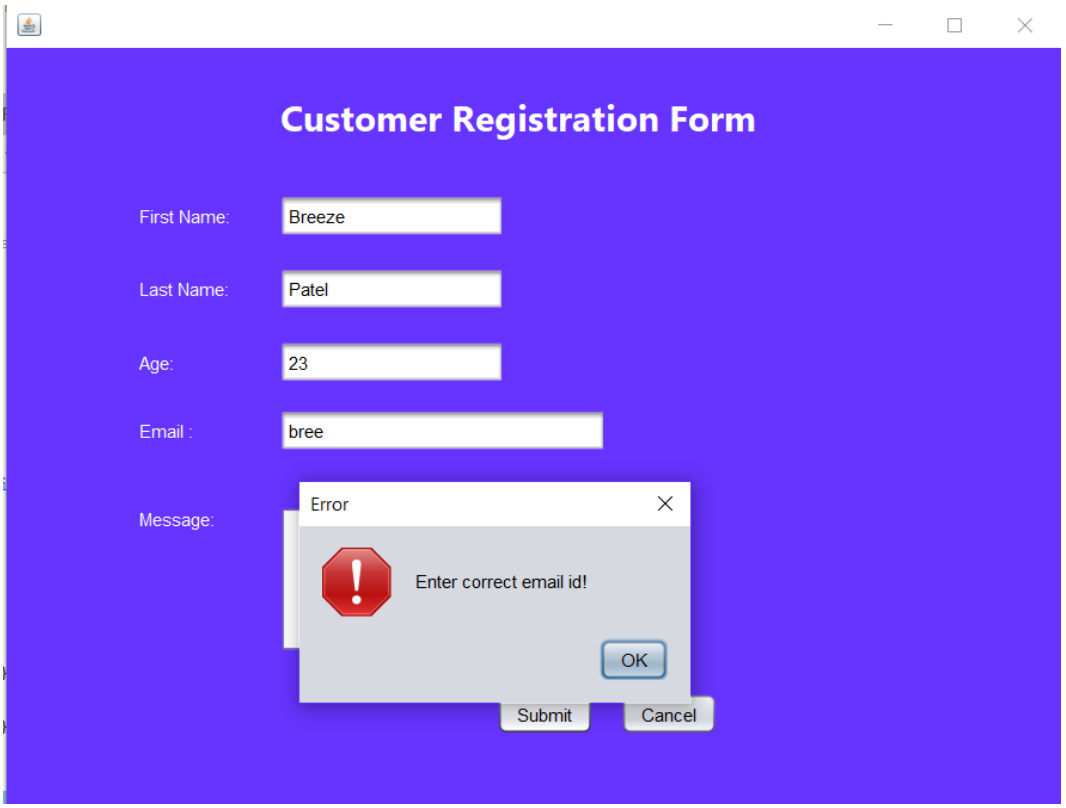

Fig 5: Email Validation Using Regex.

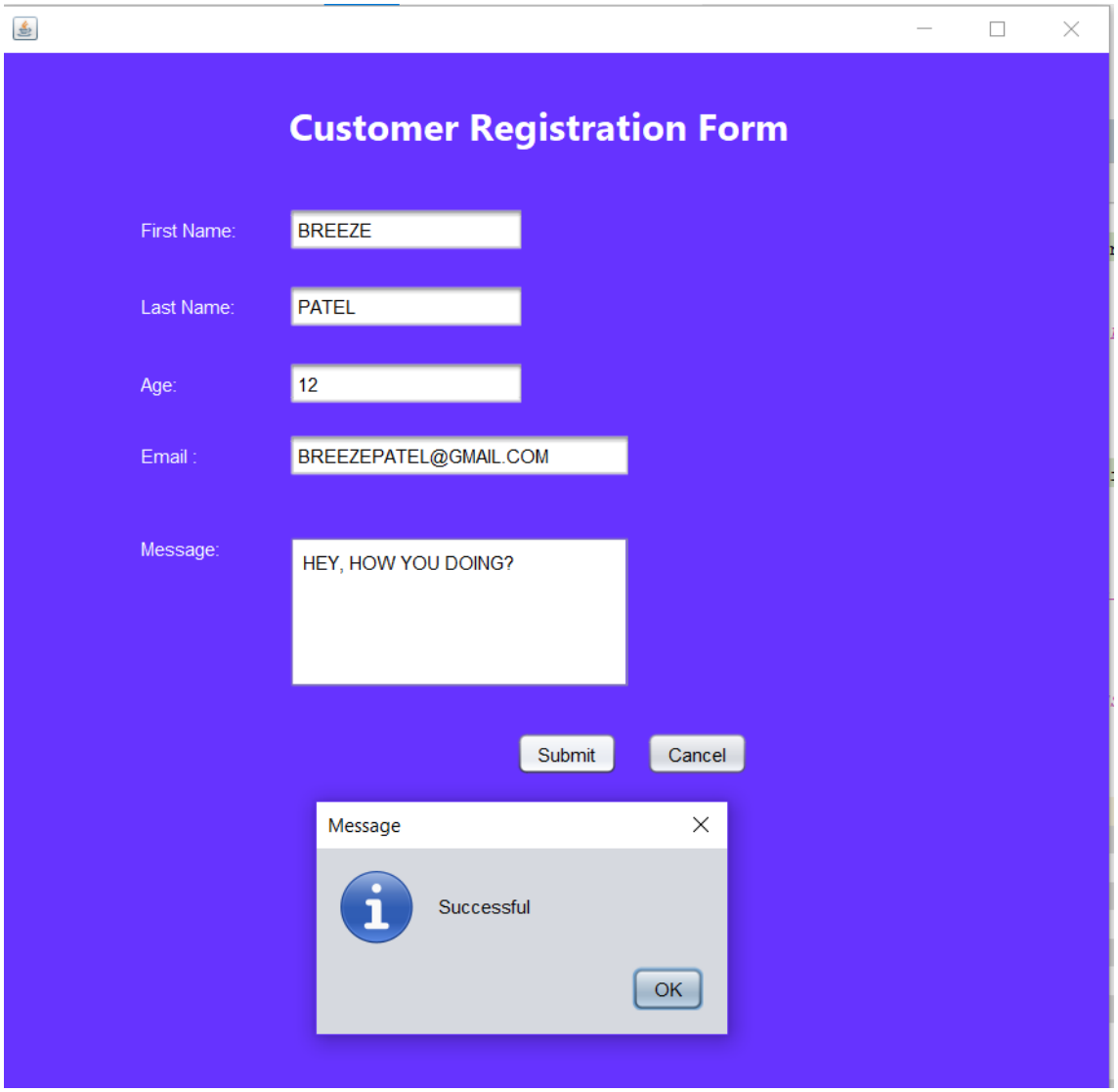

Fig 6: Successful Message if everything is validated properly.

Part 2: Bonus one

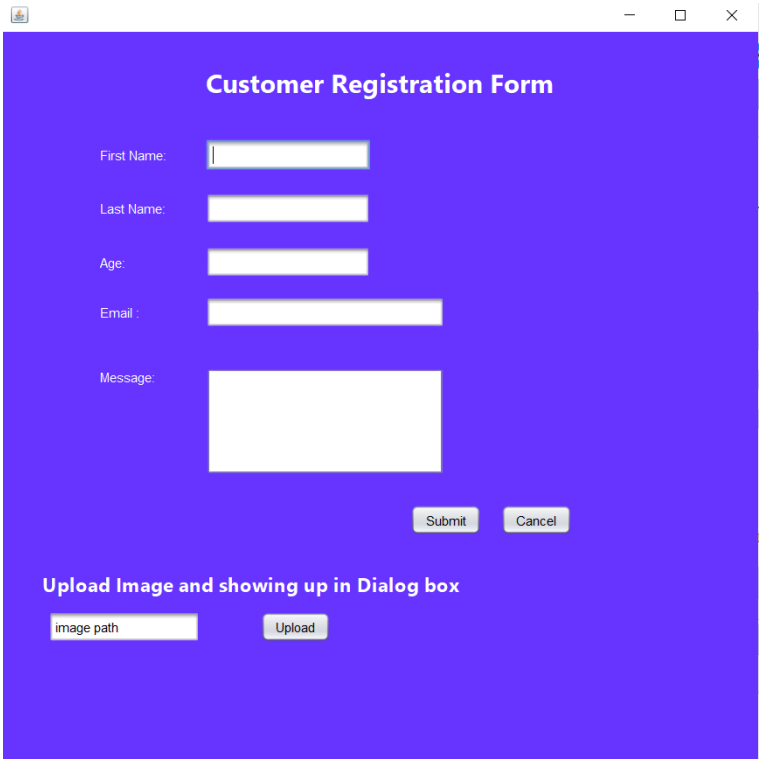

Fig 7: Upload image UI

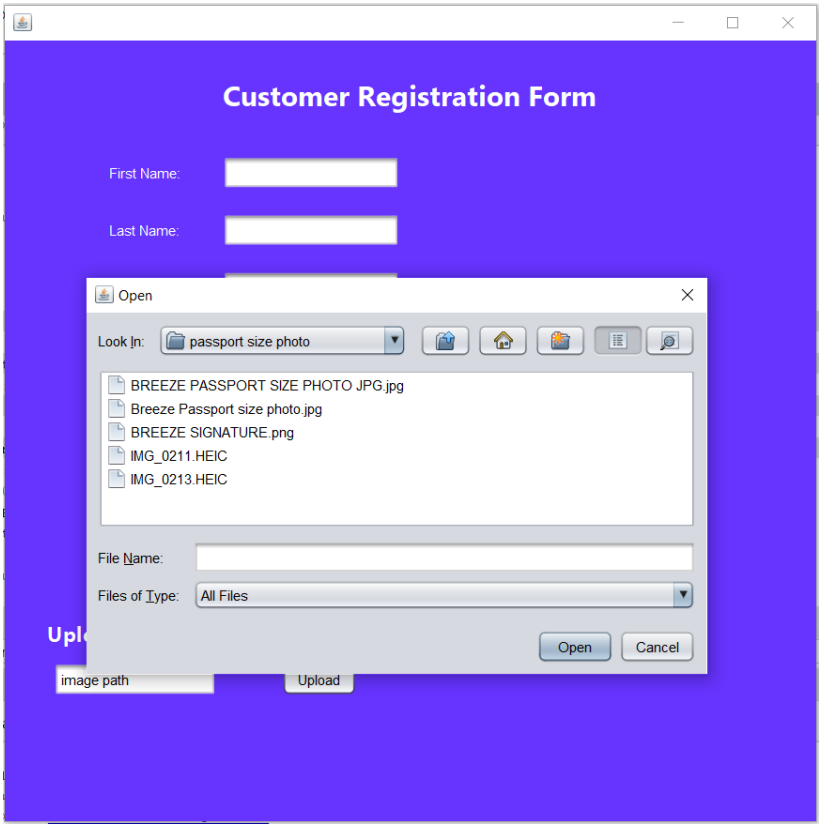

Fig 8: Using JFileChooser Library

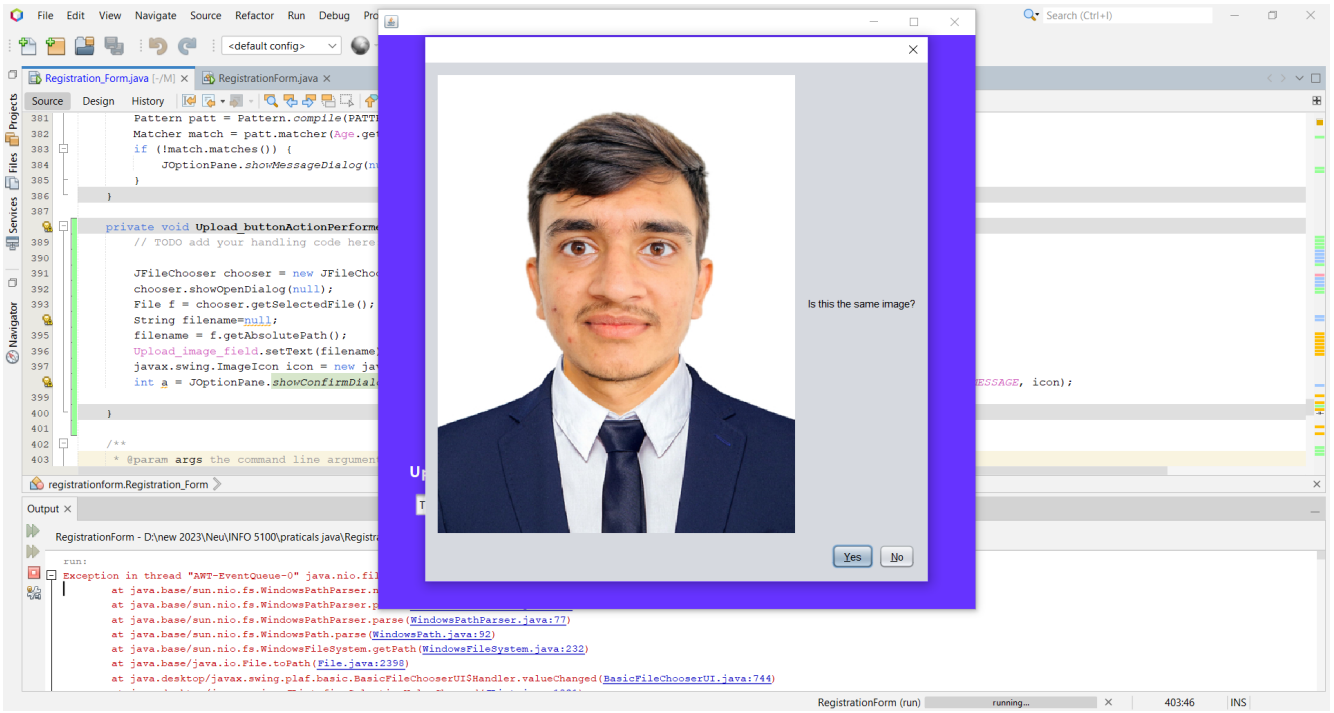

Fig 9: The dialog box showing the image and confirmation for the image is the same! via JOptionPane.

Conclusion:

I have successfully completed this practical by applying my knowledge by performing the below-mentioned topics in this practical.

- Java Swing concepts (JFrame, JPanel, XML layouts, etc.)
- Capture input and display it in the dialog box.