

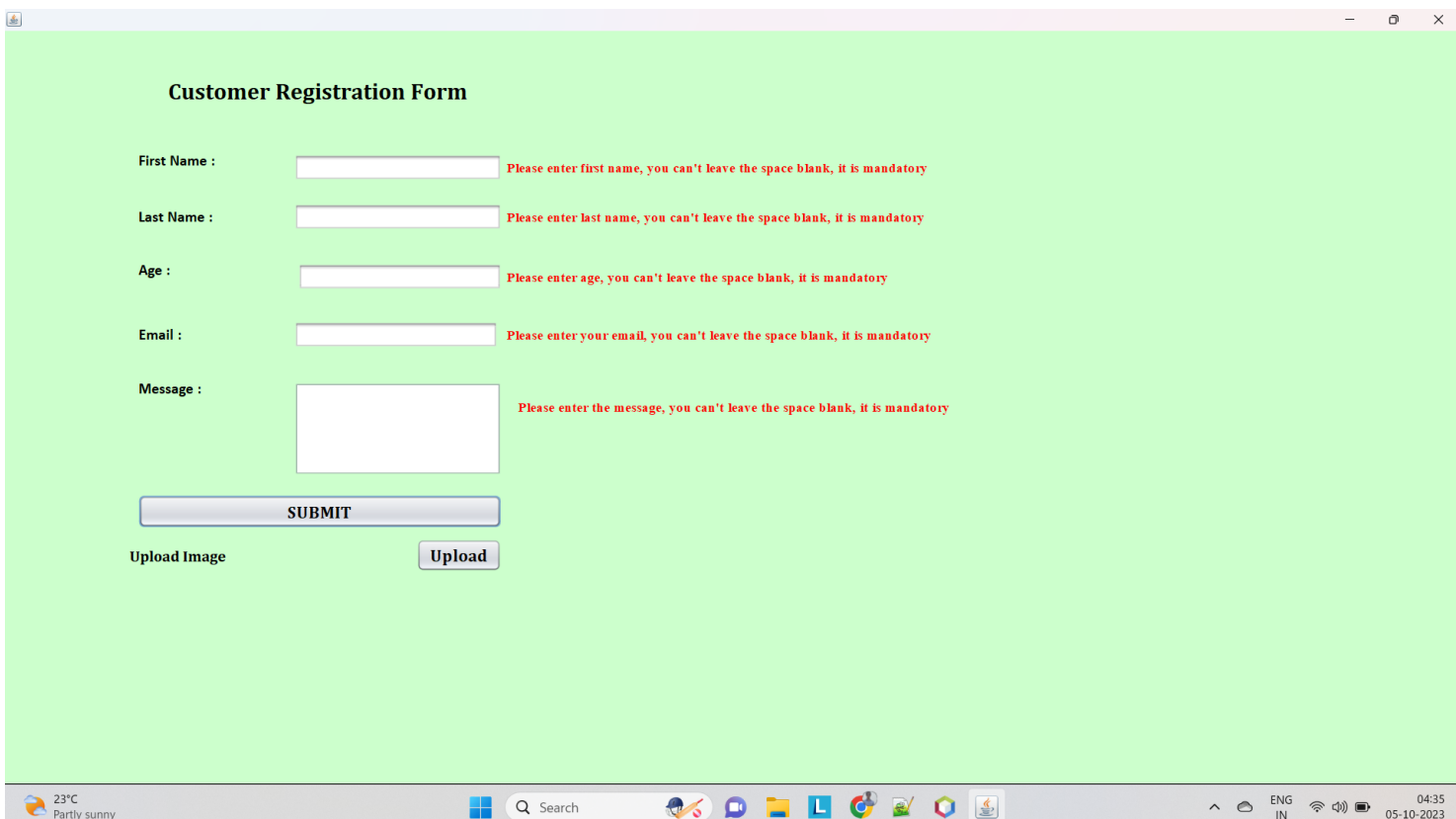
# Lab 3 - Introduction to Java Swing

## Your Tasks

- Complete Customer registration form and display customer details in popup dialog box. 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

### 1. Validation

- When Someone Submits a blank Form



The screenshot shows a web browser window displaying a "Customer Registration Form". The form has a light green background. It contains five input fields: "First Name", "Last Name", "Age", "Email", and "Message". Each field is currently empty, and a red error message is displayed to the right of each field: "Please enter first name, you can't leave the space blank, it is mandatory", "Please enter last name, you can't leave the space blank, it is mandatory", "Please enter age, you can't leave the space blank, it is mandatory", "Please enter your email, you can't leave the space blank, it is mandatory", and "Please enter the message, you can't leave the space blank, it is mandatory". Below the input fields is a "SUBMIT" button. At the bottom left, there is an "Upload Image" label and an "Upload" button. The browser's taskbar at the bottom shows the system clock as 04:35 on 05-10-2023, and the weather as 23°C Partly sunny.

- When numbers are entered in first name, last name

The screenshot shows a web browser window with a light green background. The title bar at the top indicates the window is titled 'Customer Registration Form'. The form itself is titled 'Customer Registration Form' and contains the following fields:

- First Name :** A text input field containing the number '24'. To the right of the field, a red error message reads: 'Please enter Only Alphabets in first name'.
- Last Name :** An empty text input field.
- Age :** An empty text input field.
- Email :** An empty text input field.
- Message :** A larger text area, currently empty.

Below the form fields, there is a 'SUBMIT' button. At the bottom of the form, there is an 'Upload Image' label and an 'Upload' button.

The Windows taskbar at the bottom shows the system tray with the date '05-10-2023' and time '04:35'. The taskbar also displays the weather '23°C Partly sunny' and various application icons.

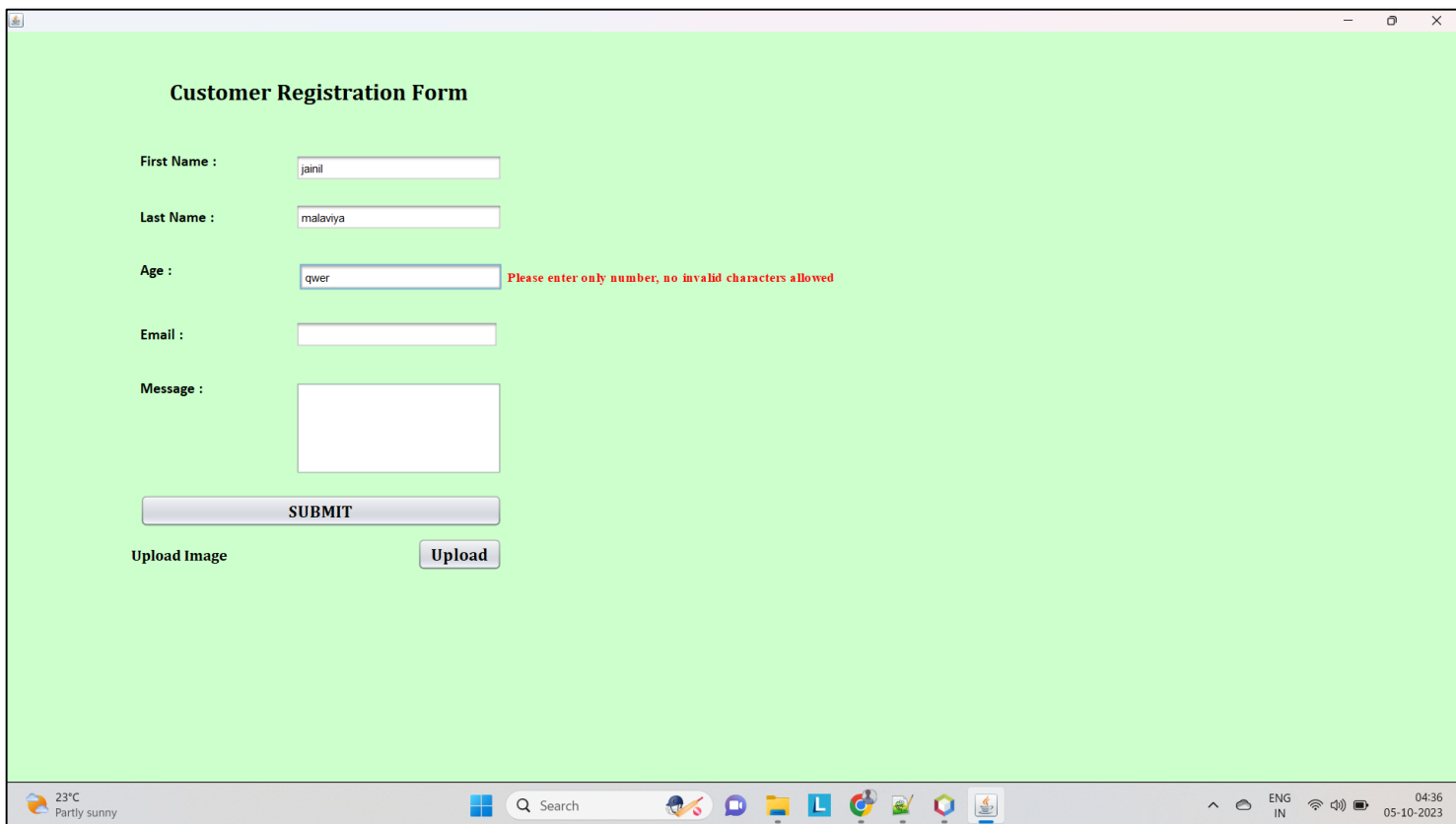
The screenshot shows a web browser window with a light green background. The title bar at the top indicates the window is titled 'Customer Registration Form'. The form itself is titled 'Customer Registration Form' and contains the following fields:

- First Name :** A text input field containing the name 'jainil'.
- Last Name :** A text input field containing the number '123'. To the right of the field, a red error message reads: 'Please enter Only Alphabet in last name'.
- Age :** An empty text input field.
- Email :** An empty text input field.
- Message :** A larger text area, currently empty.

Below the form fields, there is a 'SUBMIT' button. At the bottom of the form, there is an 'Upload Image' label and an 'Upload' button.

The Windows taskbar at the bottom shows the system tray with the date '05-10-2023' and time '04:36'. The taskbar also displays the weather '23°C Partly sunny' and various application icons.

- When alphabets or any other characters are entered in age



The screenshot shows a web browser window displaying a "Customer Registration Form". The form has a light green background. The fields are labeled "First Name :", "Last Name :", "Age :", "Email :", and "Message :". The "First Name" field contains "jainil", "Last Name" contains "malaviya", and "Age" contains "qwer". A red error message "Please enter only number, no invalid characters allowed" is displayed next to the "Age" field. The "Email" field is empty. Below the form is a "SUBMIT" button. At the bottom left, there is a link "Upload Image" and a button "Upload". The Windows taskbar at the bottom shows the date and time as 05-10-2023, 04:36, and the language as ENG IN.

Customer Registration Form

First Name :

Last Name :

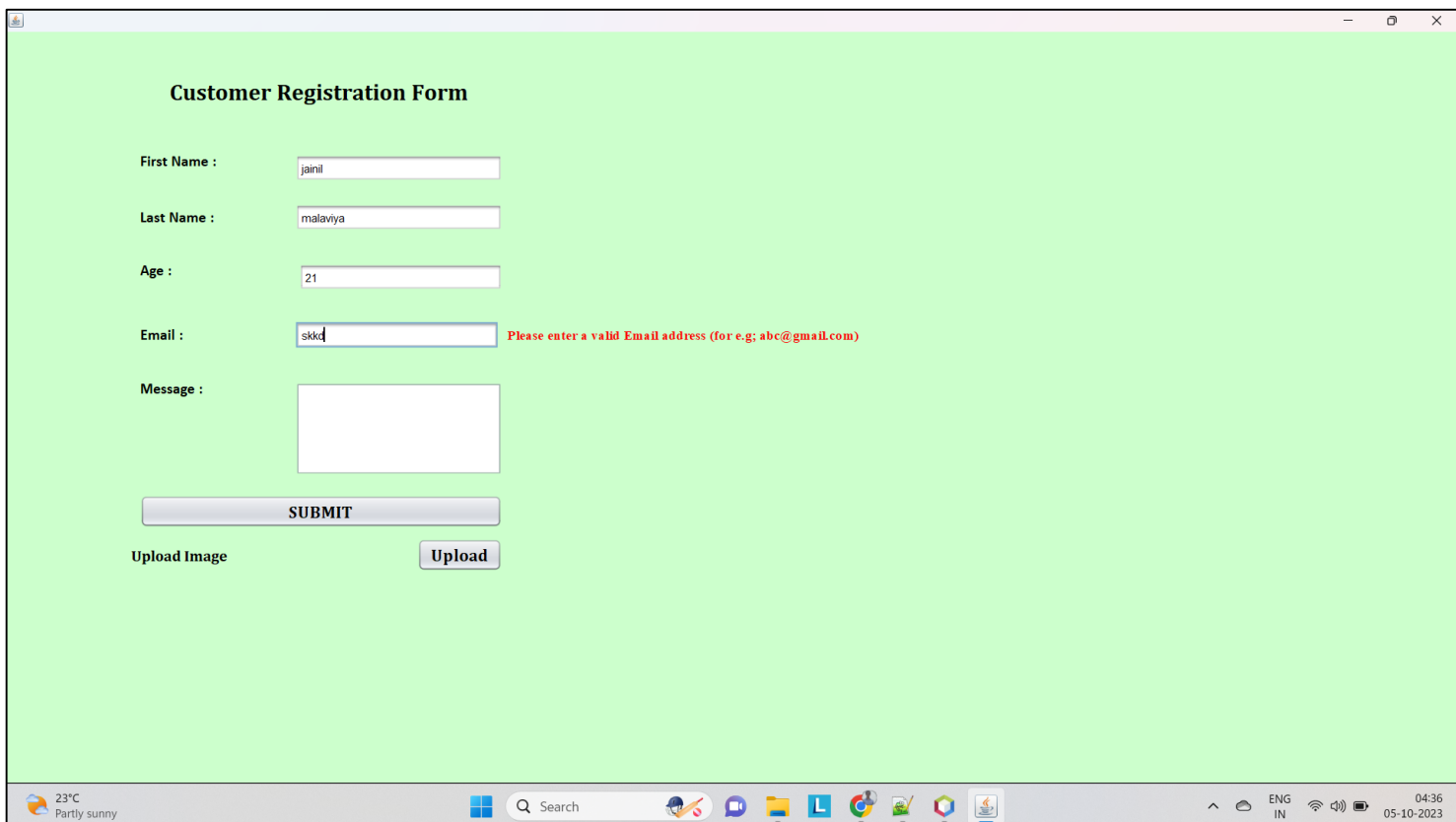
Age :  Please enter only number, no invalid characters allowed

Email :

Message :

[Upload Image](#)

- When invalid Email Id is entered



The screenshot shows the same "Customer Registration Form" as above. The "First Name" field contains "jainil", "Last Name" contains "malaviya", and "Age" contains "21". The "Email" field contains "skkd". A red error message "Please enter a valid Email address (for e.g: abc@gmail.com)" is displayed next to the "Email" field. The "Message" field is empty. Below the form is a "SUBMIT" button. At the bottom left, there is a link "Upload Image" and a button "Upload". The Windows taskbar at the bottom shows the date and time as 05-10-2023, 04:36, and the language as ENG IN.

Customer Registration Form

First Name :

Last Name :

Age :

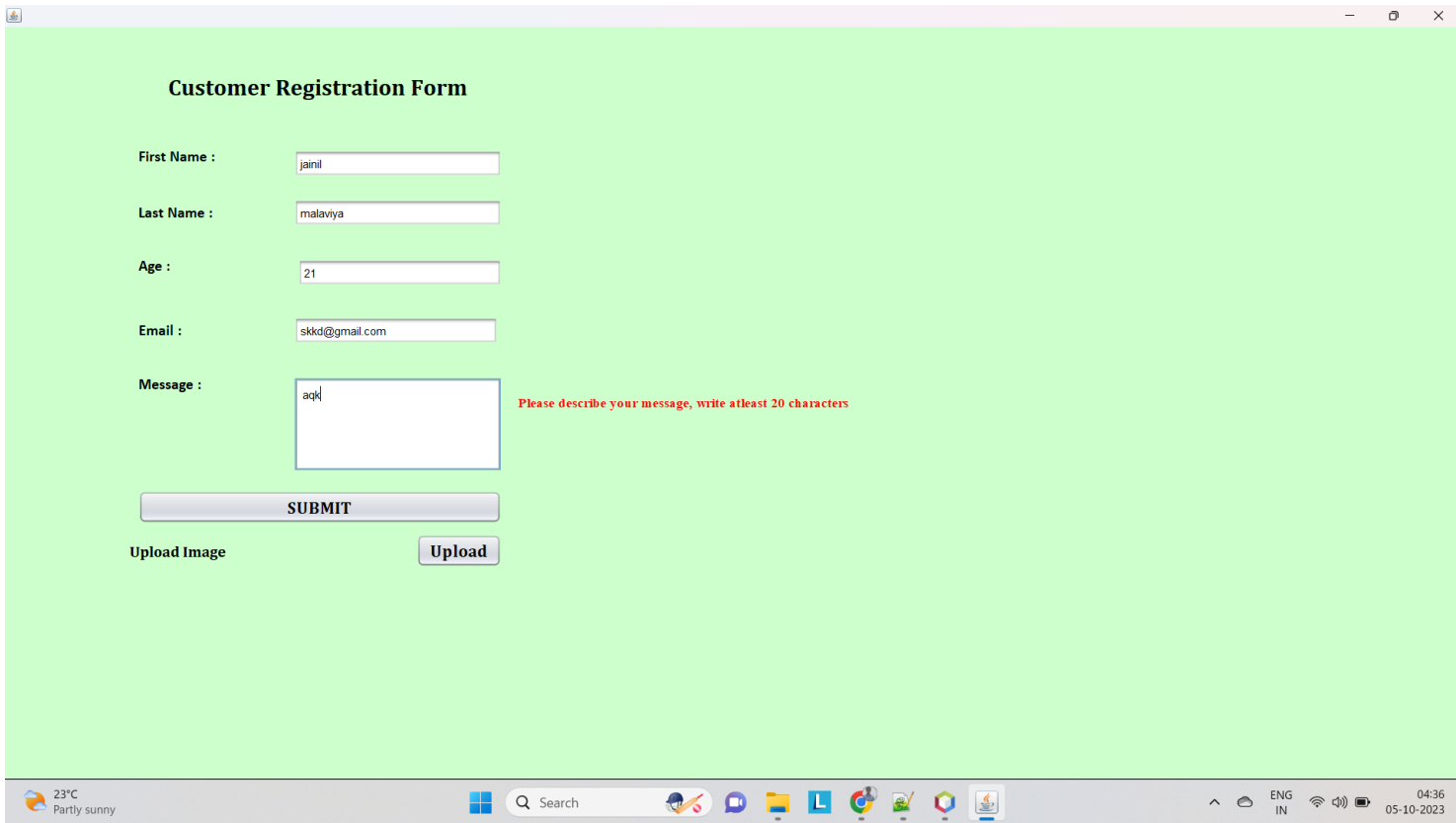
Email :  Please enter a valid Email address (for e.g: abc@gmail.com)

Message :

[Upload Image](#)



- When less than 20 characters are entered in message, a message is displayed.



The screenshot shows a web browser window displaying a "Customer Registration Form". The form has a light green background. The fields are: First Name (jainil), Last Name (malaviya), Age (21), Email (skkd@gmail.com), and Message (aqq). A red error message "Please describe your message, write atleast 20 characters" is displayed next to the Message field. Below the form is a "SUBMIT" button. At the bottom left, there is an "Upload Image" label and an "Upload" button. The Windows taskbar at the bottom shows the date and time as 04:36 on 05-10-2023.

**Customer Registration Form**

First Name :

Last Name :

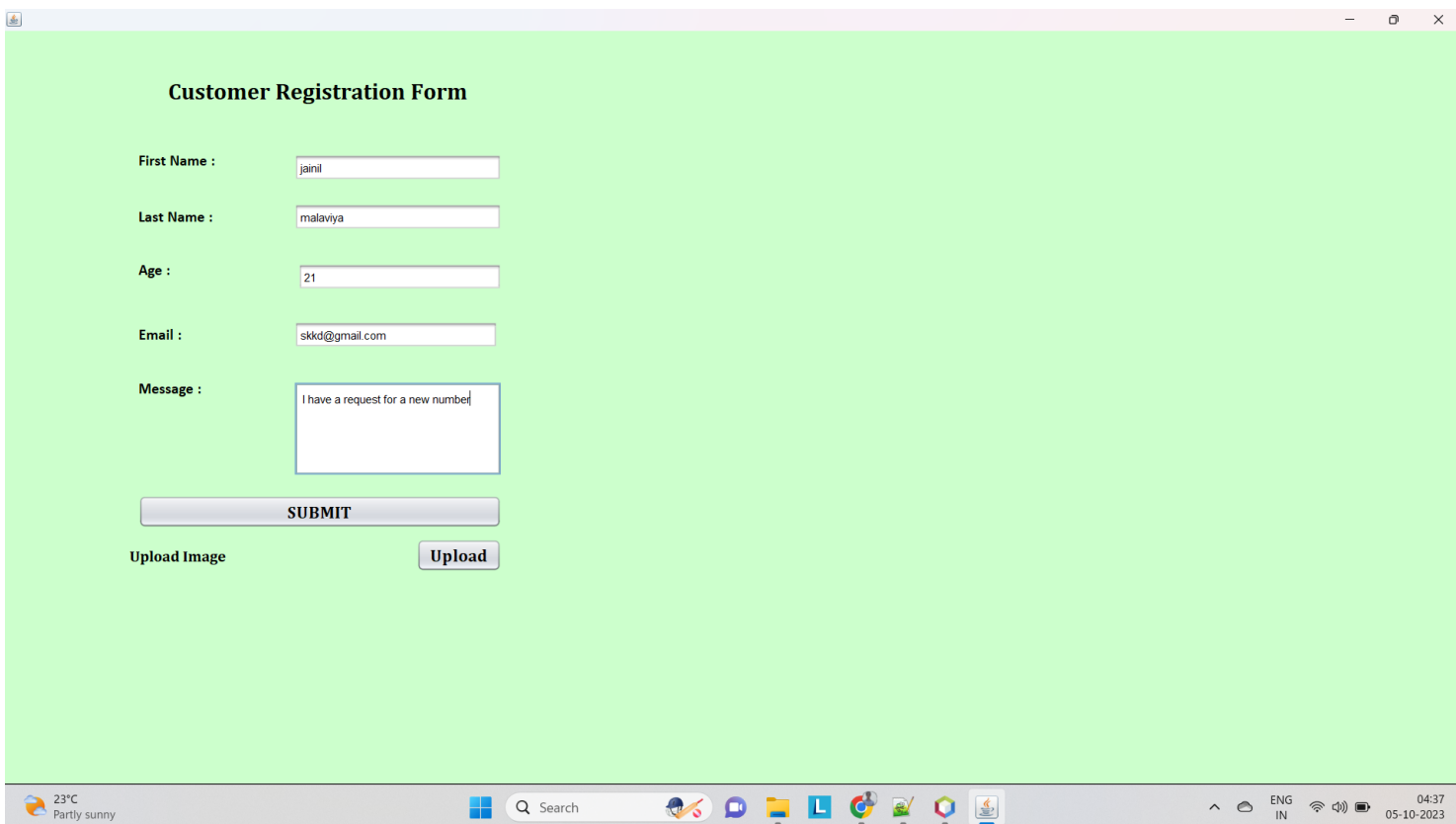
Age :

Email :

Message :  Please describe your message, write atleast 20 characters

**SUBMIT**

Upload Image



The screenshot shows the same "Customer Registration Form" as above, but the Message field now contains the text "I have a request for a new number". The red error message is no longer present. The "SUBMIT" button and "Upload Image" section remain the same. The Windows taskbar at the bottom shows the date and time as 04:37 on 05-10-2023.

**Customer Registration Form**

First Name :

Last Name :

Age :

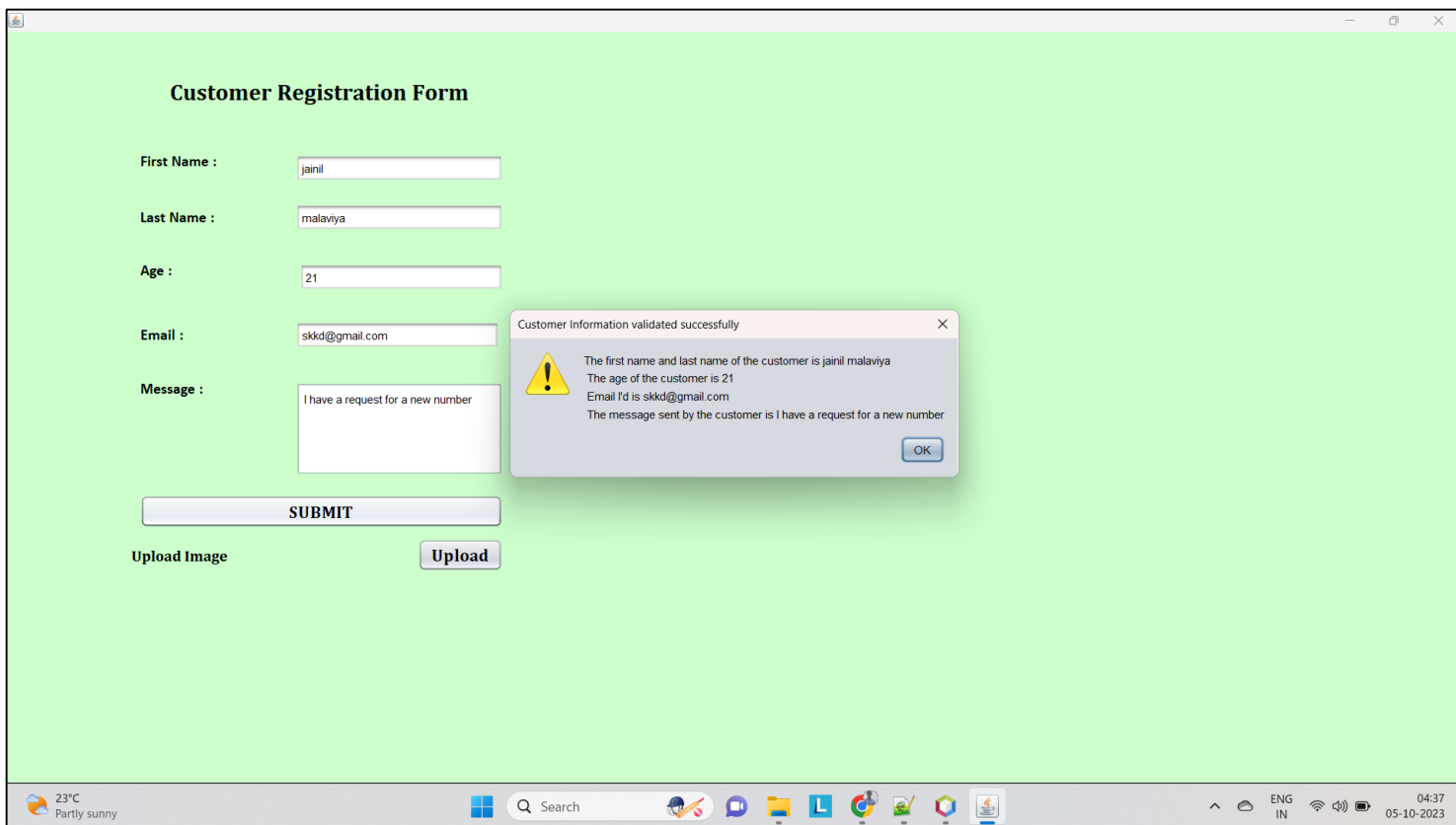
Email :

Message :

**SUBMIT**

Upload Image

## ■ On successful Submission



**Customer Registration Form**

First Name :

Last Name :

Age :

Email :

Message :

Upload Image

Customer Information validated successfully

The first name and last name of the customer is jainil malaviya  
The age of the customer is 21  
Email id is skkd@gmail.com  
The message sent by the customer is I have a request for a new number

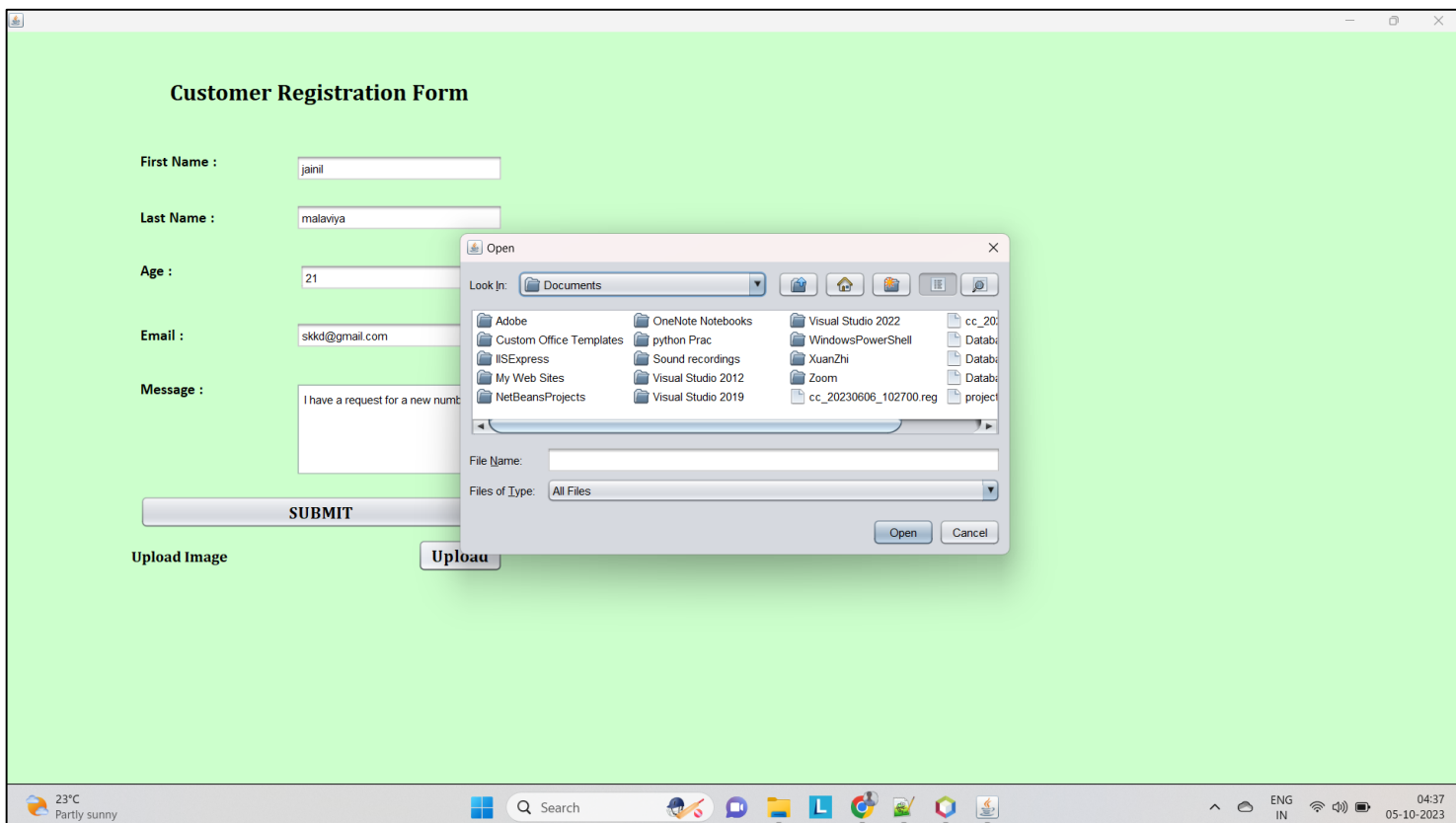
23°C Partly sunny

Search

ENG IN

04:37 05-10-2023

## 2. Image Upload



**Customer Registration Form**

First Name :

Last Name :

Age :

Email :

Message :

Upload Image

Open

Look in: Documents

Adobe	OneNote Notebooks	Visual Studio 2022	cc_20230606_102700.reg
Custom Office Templates	python Prac	WindowsPowerShell	Databa
IISExpress	Sound recordings	XuanZhi	Databa
My Web Sites	Visual Studio 2012	Zoom	Databa
NetBeansProjects	Visual Studio 2019		project

File Name:

Files of Type: All Files

23°C Partly sunny

Search

ENG IN

04:37 05-10-2023

