

Aim: To Automate the Email.

Objectives: Understand how to Automate Email using the Email Actions.

Tools Used: Automation anywhere tools

Concept:

Use the Email Connect action to establish a connection.

Use the Send Email action to automate email sending.

Use the Email Reply action to automate replying to emails.

Use the Email Disconnect action to close the session.

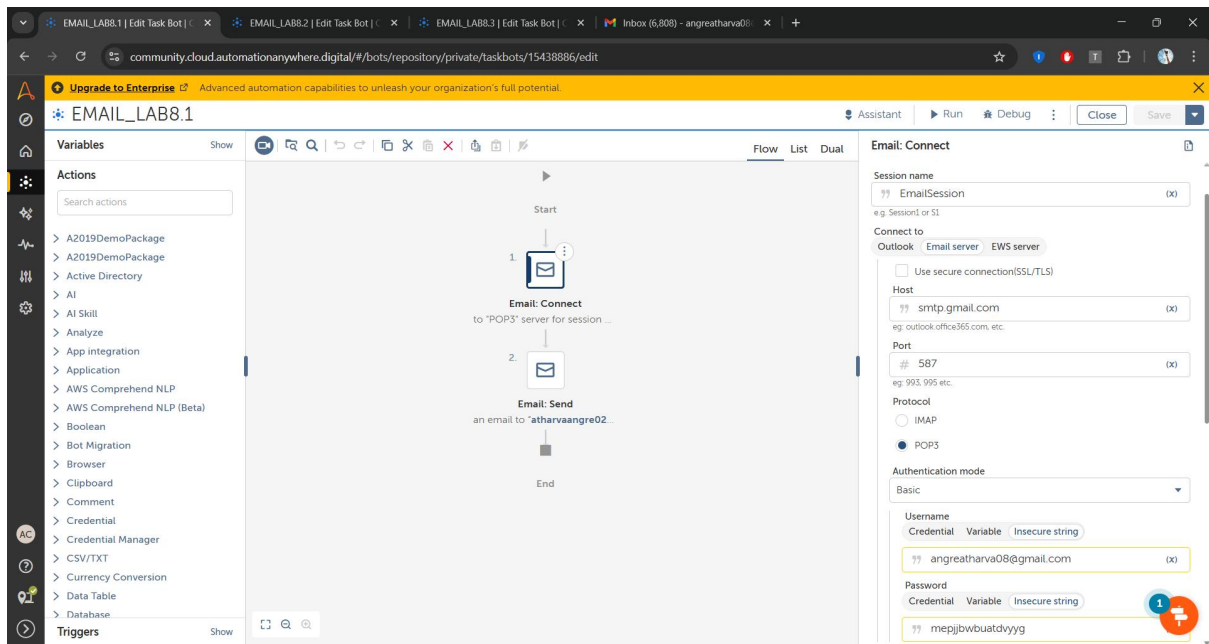
Use Browser Open and Mouse Click actions to open Gmail and download attachments.

Problem Statement:

- 1) Automate send Email.
- 2) Automate the Email to reply a mail.
- 3) Automate the Email to download the attachment.

Solution:

Problem 1:



Step 1: Use the Email Connect action

Use smtp.gmail.com as host name and 587 as port and protocol as POP3.

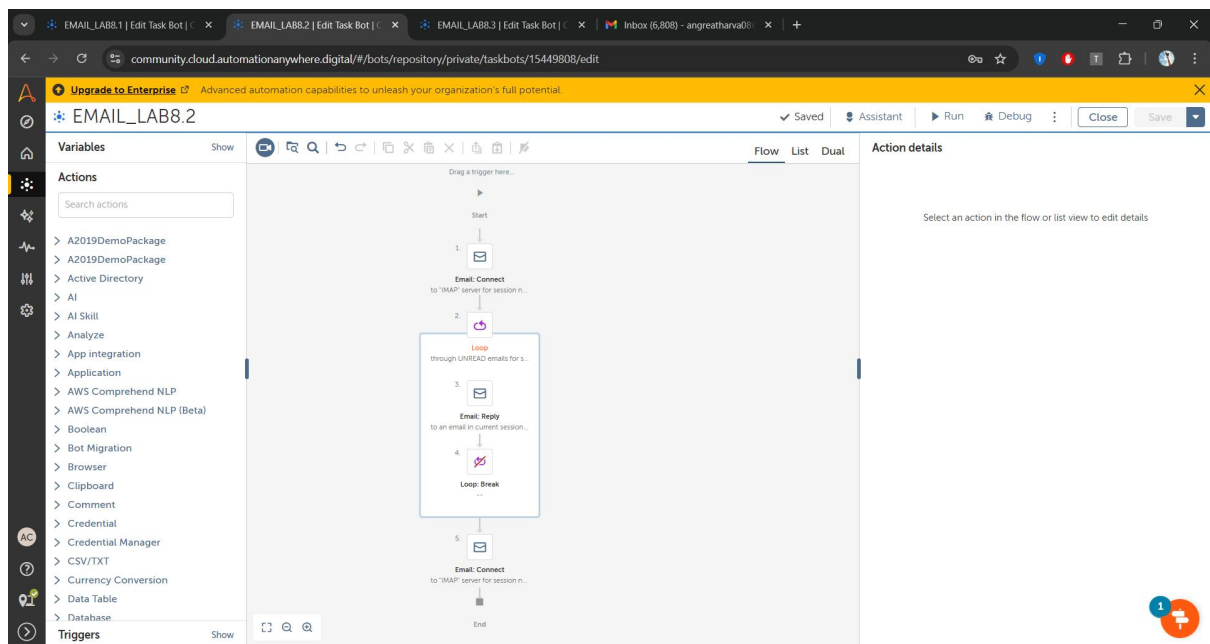
In the gmail add the gmail ID and password add the APP PASSWORD.

The screenshot shows the Automation Anywhere interface for editing a task bot named 'EMAIL_LAB8.1'. The central canvas displays a flowchart with two actions: 'Email: Connect' (Step 1) and 'Email: Send' (Step 2). The right-hand panel is configured for the 'Email: Connect' action. It includes fields for 'Session name' (EmailSession), 'Host' (smtp.gmail.com), 'Port' (587), 'Protocol' (POP3), and 'Authentication mode' (Basic). The 'Username' field is set to 'angreatharva08@gmail.com' and the 'Password' field is set to 'mepjibwbuatdyvg'. A red notification bubble with the number '1' is visible in the bottom right corner of the configuration panel.

Step 2: Use the Send Email Action to send the email.

The screenshot shows the Automation Anywhere interface for editing the same task bot 'EMAIL_LAB8.1'. The central canvas shows the flowchart with 'Email: Connect' followed by 'Email: Send'. The right-hand panel is now configured for the 'Email: Send' action. It includes fields for 'To address' (atharvaangre02@gmail.com, jhaabhishek1236@gn), 'Cc (optional)', 'Bcc (optional)', 'Subject' (Automation Anywhere finished executing the Tasl), and 'Attachment (optional)'. The 'Email body' section is set to 'Plain text' with the message 'Hello'. A red notification bubble with the number '1' is visible in the bottom right corner of the configuration panel.

Problem 2

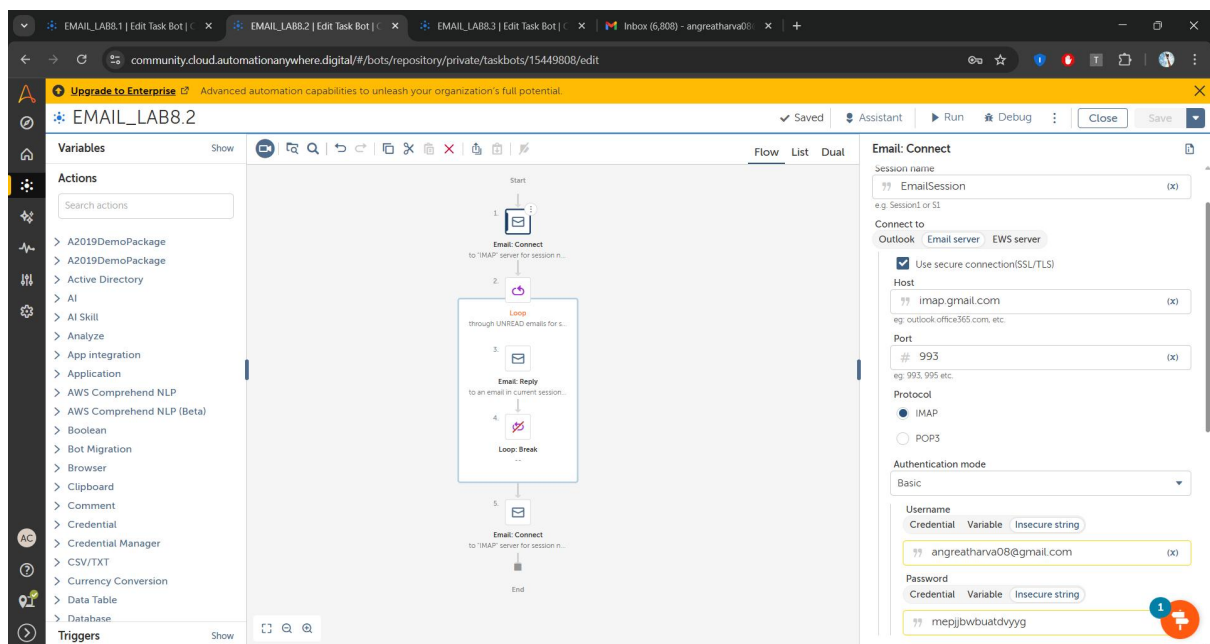


Step 1:

Step 1: Use the Email Connect action

Use `imap.gmail.com` as host name and 993 as port and protocol as IMAP.

In the gmail add the gmail ID and password add the APP PASSWORD



Step 2: Use the loop to iterate through mails in the inbox

The screenshot shows the Automation Anywhere interface for editing a task bot named 'EMAIL_LAB8.2'. The central canvas displays a flowchart with the following steps:

- Start
- Email Connect to "IMAP" server for session n...
- Loop through UNREAD emails for s...
- Email Reply to an email in current session...
- Loop Break
- Email Connect to "IMAP" server for session n...
- End

The right-hand panel is configured for the 'Loop' action:

- Label (optional): 6
- Loop Type: ☒ Iterator
- Email: For each mail in mail box
- Iterator for each mail in mail box
- Session name: EmailSession (x)
- Type of email to get: For POP3 protocol all message will be fetched
 - ☐ ALL
 - ☐ READ
 - ☒ UNREAD
- From a specific folder (optional): Inbox (x)
e.g. Inbox/folder1, Inbox/folder2 or Inbox/text*. For POP3 fetching from Inbox only
- When subject contains (optional): Automation Anywhere (x)
Use a double quote for an exact match/Case sensitive. You can separate the keywords using semicolons e.g. subject1, subject2 or 'Subject'
- From specific senders (optional): atharvaangre02@gmail.com (x)
e.g. john@abc.com; Mary@xyz.com

Step 3: Use the Email Reply action to reply the mail.

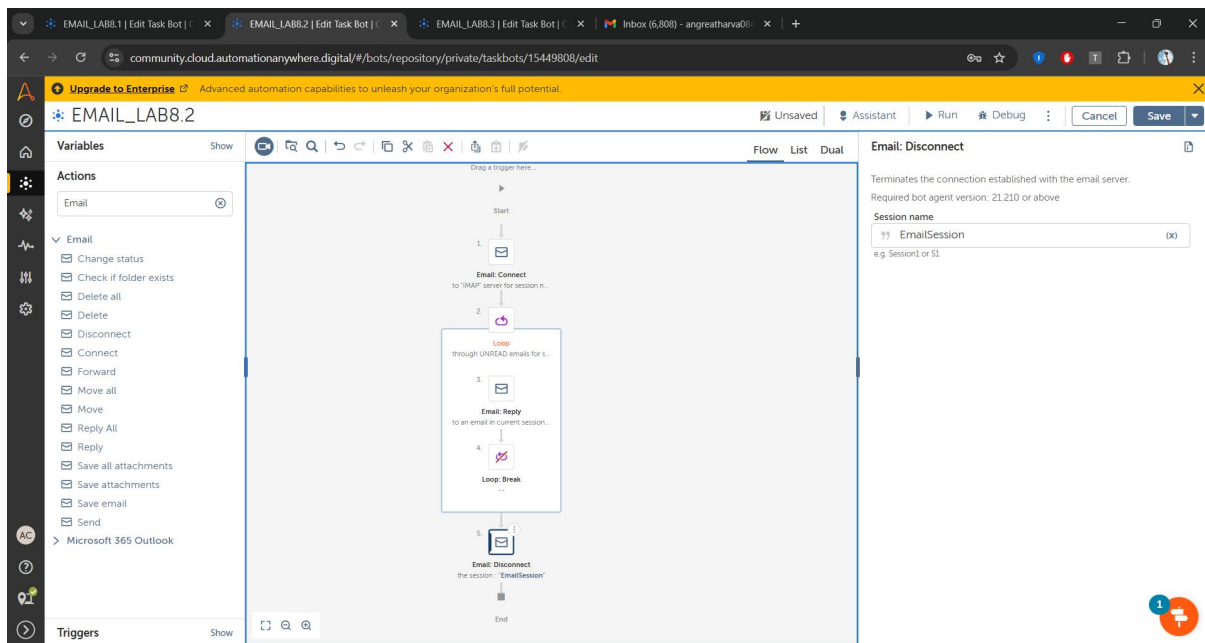
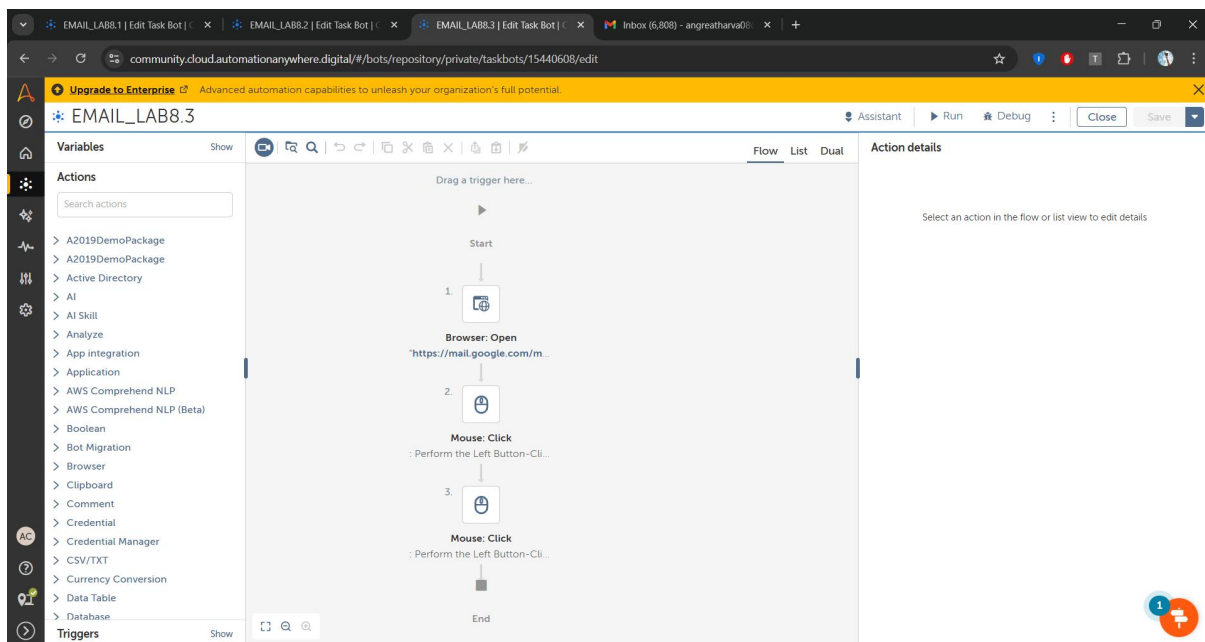
The screenshot shows the Automation Anywhere interface for editing the task bot 'EMAIL_LAB8.2'. The central canvas displays a flowchart with the following steps:

- Start
- Email Connect to "IMAP" server for session n...
- Loop through UNREAD emails for s...
- Email Reply to an email in current session...
- Loop Break
- Email Connect to "IMAP" server for session n...
- End

The right-hand panel is configured for the 'Email: Reply' action:

- Message: Hello, I have replied to you previous mail. (x)
- ☐ Include Go Green message at the end of the email
- Send email via: ☒ Email server ☐ Outlook ☐ EWS Server
- Encoding for email (optional): UTF-8
- Email server host: smtp.gmail.com (x)
e.g. smtp-mail.outlook.com; smtp.gmail.com, etc.
- Email server port: 587 (x)
e.g. 587
- ☒ Use secure connection (SSL/TLS)
- ☒ My server requires authentication
- Authentication mode: Basic
- Username: angreatharva08@gmail.com (x)
Credential Variable Insecure string
- Password: mepjibwuatdyvg (x)
Credential Variable Insecure string

Step 4: Break the loop

Step 5: Disconnect the Email Session use Email Disconnect action.**Problem 3**

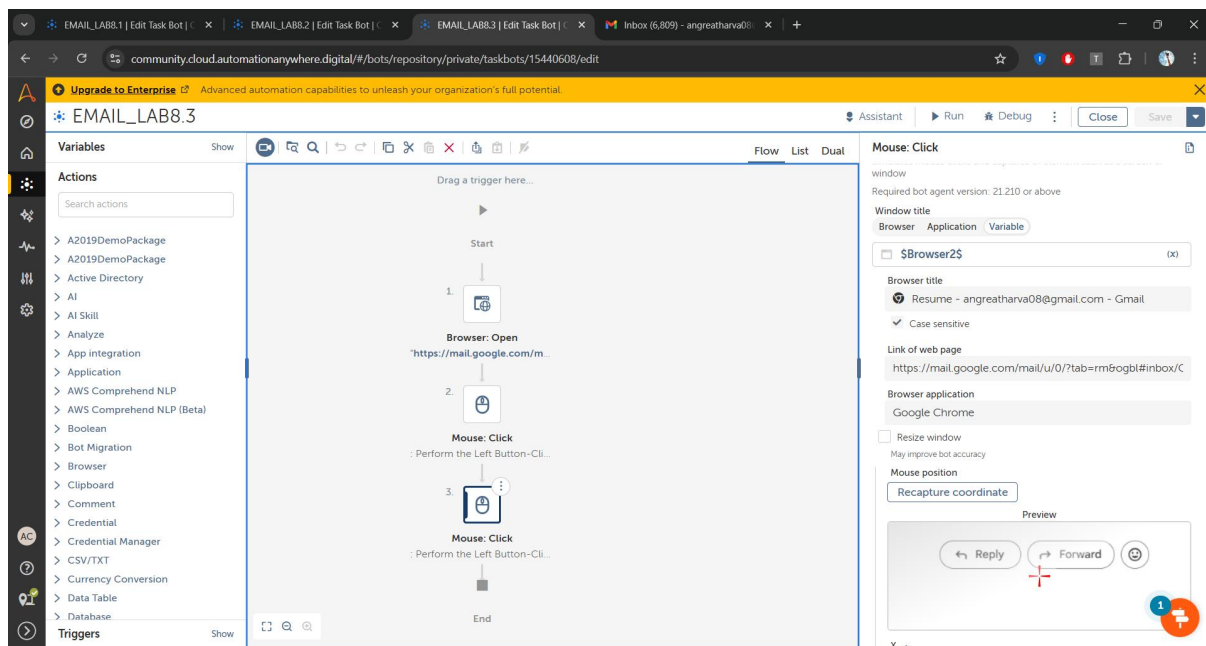
Step 1: Use the Browser Open action to open gmail in the Browser.

The screenshot displays the UiPath Studio interface for a task bot named 'EMAIL_LAB8.3'. The central workspace shows a flowchart with three steps: 1. 'Start', 2. 'Browser: Open' (configured with the URL 'https://mail.google.com/mail/u/0/?tab=rm&ogbl#inbox'), and 3. 'Mouse: Click' (configured to perform a left button click). The right-hand pane is set to the 'Browser: Open' configuration, showing options for 'What to open' (New window in selected browser), 'Link to open' (https://mail.google.com/mail/u/0/?tab=rm&ogbl#inbox), and 'Time out after (seconds) (optional)' (240).

Step 2: Use the mouse click to open the mail having the attachments

The screenshot displays the UiPath Studio interface for the same task bot, now showing the 'Mouse: Click' configuration. The flowchart remains the same, but the right-hand pane is set to the 'Mouse: Click' configuration. It shows the 'Window title' as 'Inbox (6,798) - angreatharva08@gmail.com - Gmail' and the 'Link of web page' as 'https://mail.google.com/mail/u/0/?tab=rm&ogbl#inbox'. The 'Mouse position' is set to 'Recapture coordinate'. A preview of the email inbox is shown at the bottom right, highlighting an email from 'Atharva Angre' with the subject 'Urgent action required on your Inactive Paytm Payments'.

Step 3: Click on the download button using the mouse click



Observation:

Automating emails using Automation Anywhere makes the process faster and more efficient. The Email Connect action helps establish a secure connection using SMTP or IMAP. Sending and replying to emails becomes seamless with the Send Email and Email Reply actions. Iterating through inbox emails ensures proper mail handling, and disconnecting the session prevents unnecessary connections. For attachments, opening Gmail in a browser and using mouse clicks allows easy downloading.