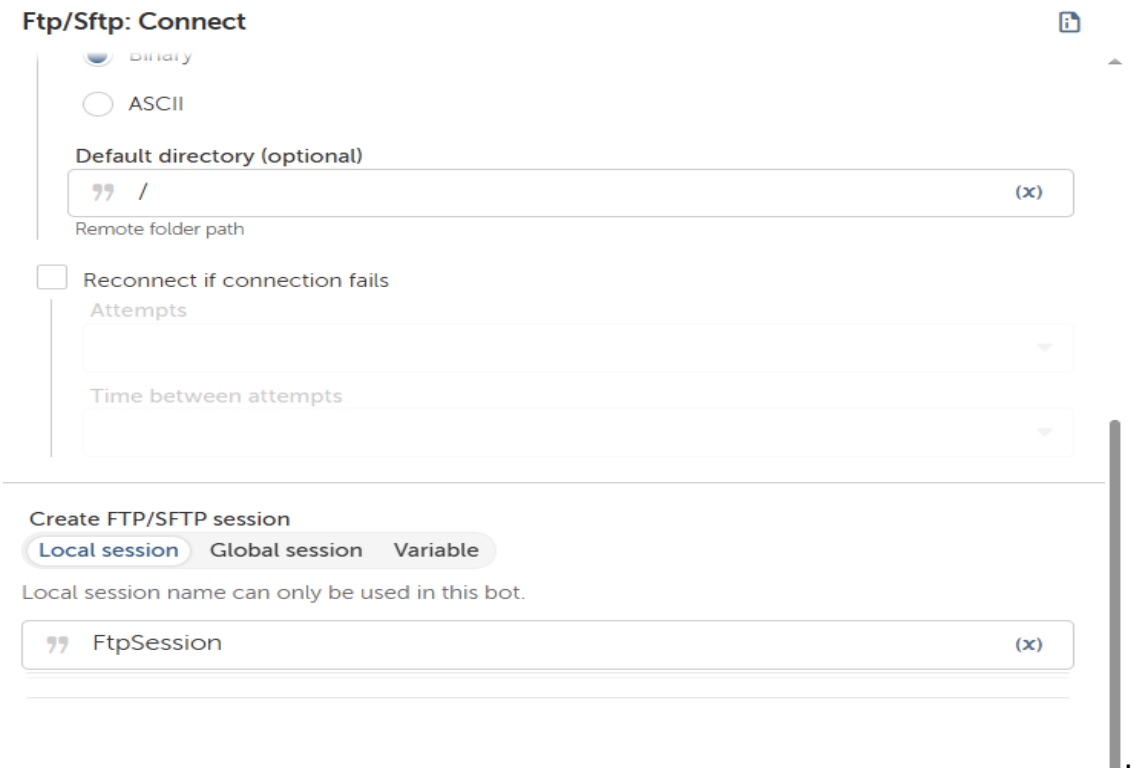
Name: Omkar Pendkalkar Roll No: 40

Q1. BOT to demonstrate FTP/SFTP

1. FTP/SFTP: Connect

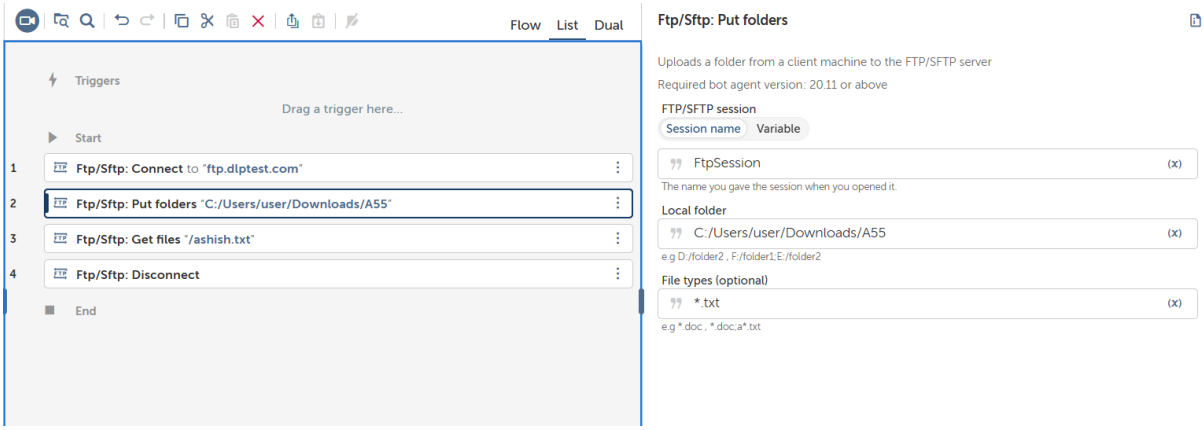
- **Server Name:** ftp.dlptest.com
- **Port:** 21 (default FTP port)
- **Server Type:** FTP
- **Authentication Type:** dlpuser
    - **Username:** dlpuser
    - **Password:** rNrKYTX9g7z3RgJRmxWuGHbeu
- **Transfer Mode:** Passive
- **Transfer Type:** Binary



2. FTP/SFTP: Put Folders

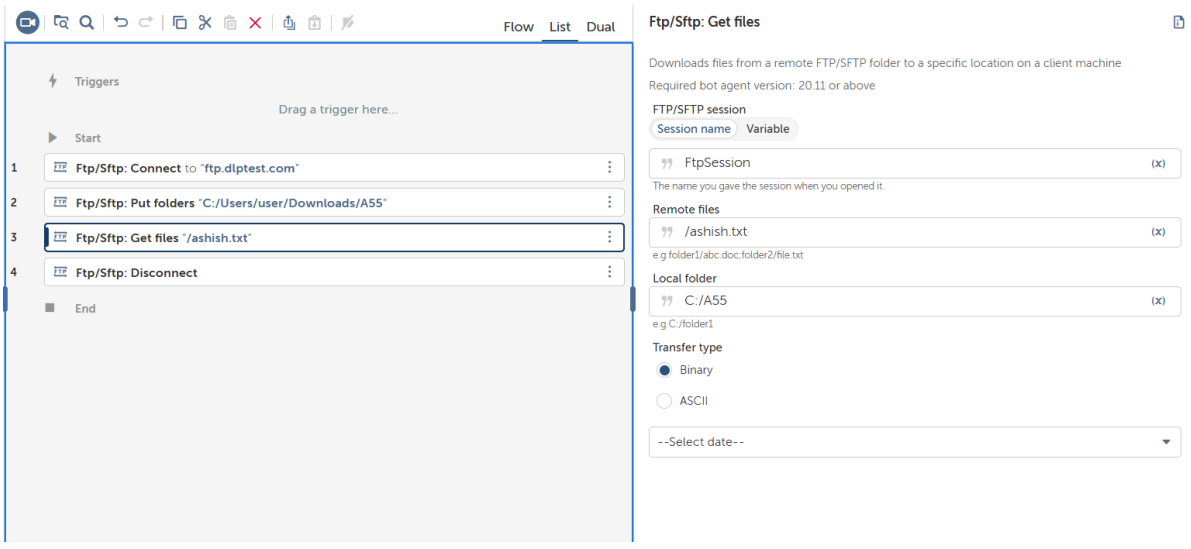
- **Session Name:** FtpSession

- **Local Folder:** C:/Users/user/Downloads/A55
- **File Types (optional):** *.txt



3. FTP/SFTP: Get Files

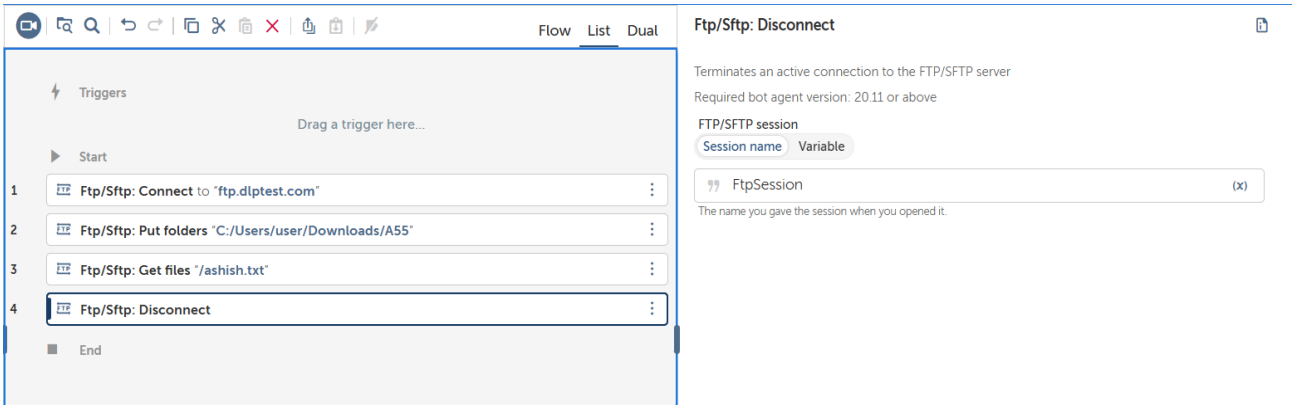
- **Session Name:** FtpSession
- **Remote Files:** C:\Users\user\Downloads\A55
- **Local Folder:** C:/folder1
- **Transfer Type:** Binary

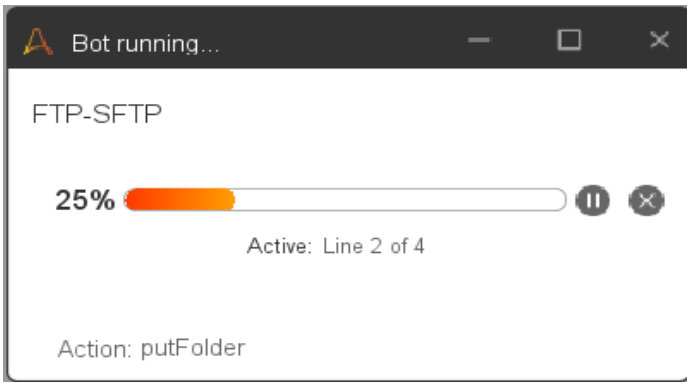


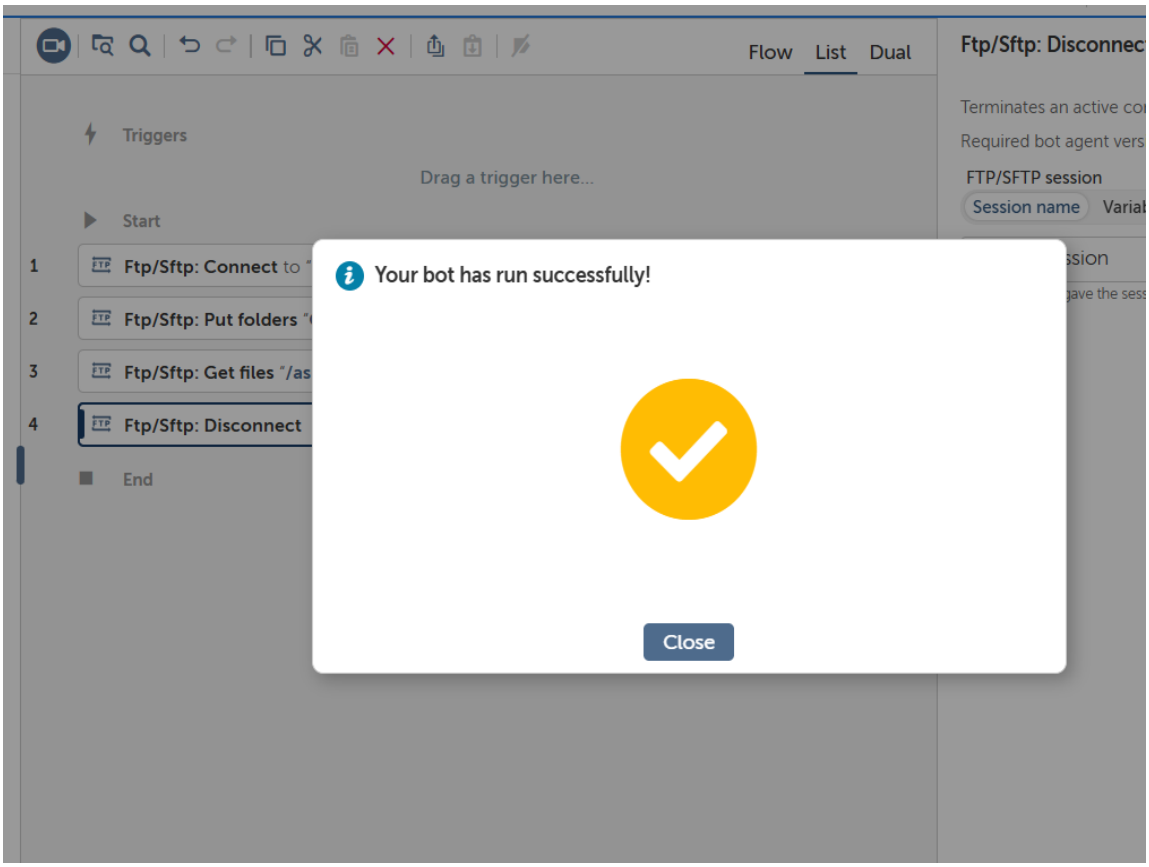
4. Disconnect from FTP Server

Name: Omkar Pendkalkar Roll No: 40

1. Drag the FTP Disconnect command at the end to close the connection after all operations are complete.







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Step-by-Step: How to check uploaded files on FTP server

1. Use an FTP client software

Example free tools:

- **FileZilla** (very popular) — Download FileZilla

2. Connect to FTP Server

Open FileZilla → then fill in these details:

Field	Value
Host	ftp.dlptest.com
Username	dlpuser
Password	rNrKYTX9g7z3RgJRmxWuGHbeu
Port	21

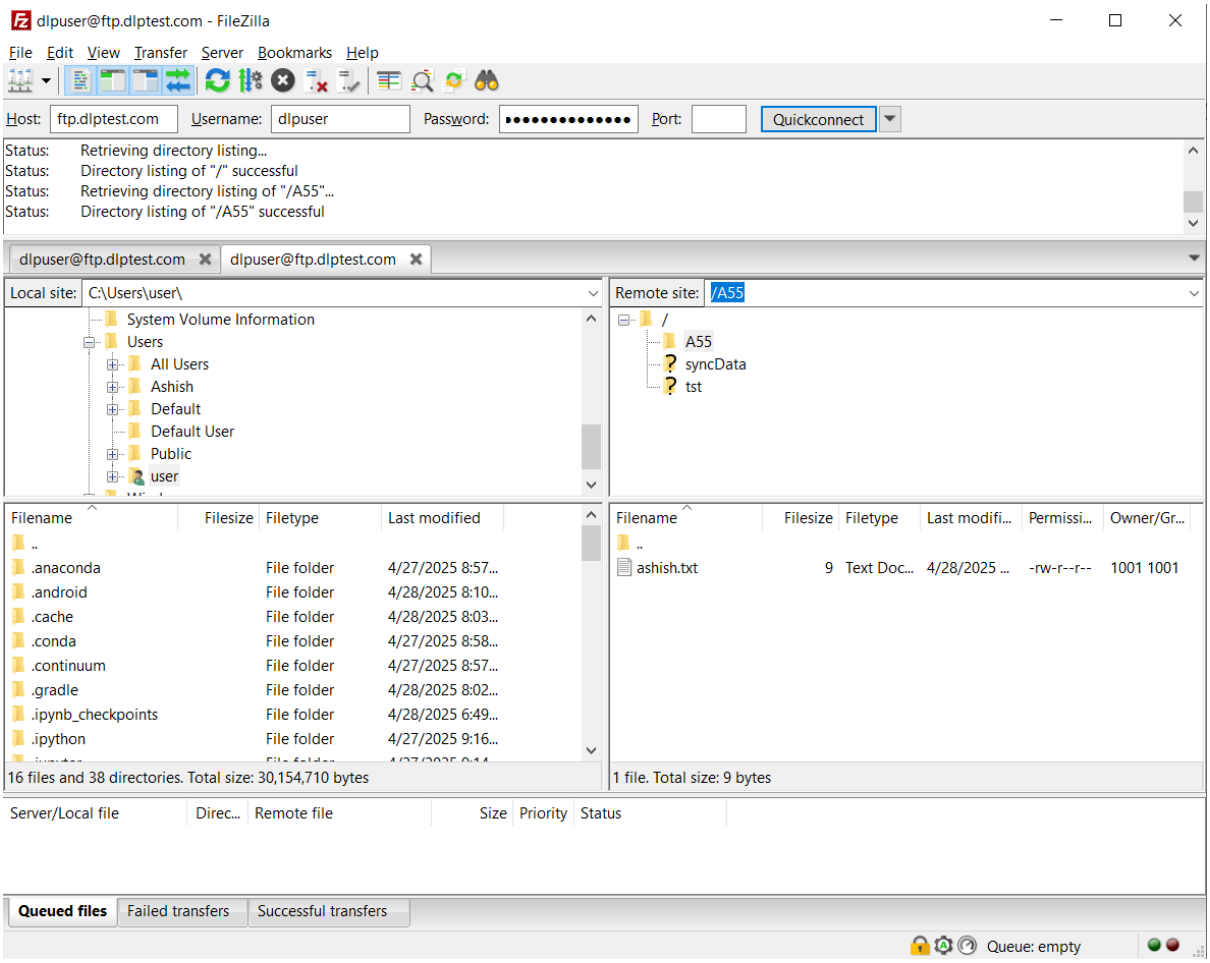
- Then click Connect.
- Ignore security warning if it comes (because it's a public test server).

3. Navigate Folders

- After connection, you will see server folders on the right side.
- See if your files are uploaded in:
    - / root folder, or
    - /upload folder (some FTP servers default to this)

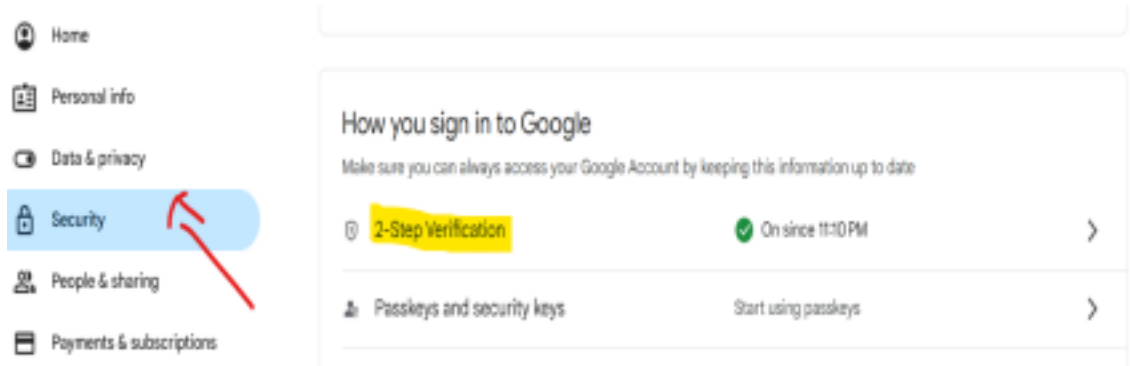
4. Look for your .txt files

Name: Omkar Pendkalkar Roll No: 40



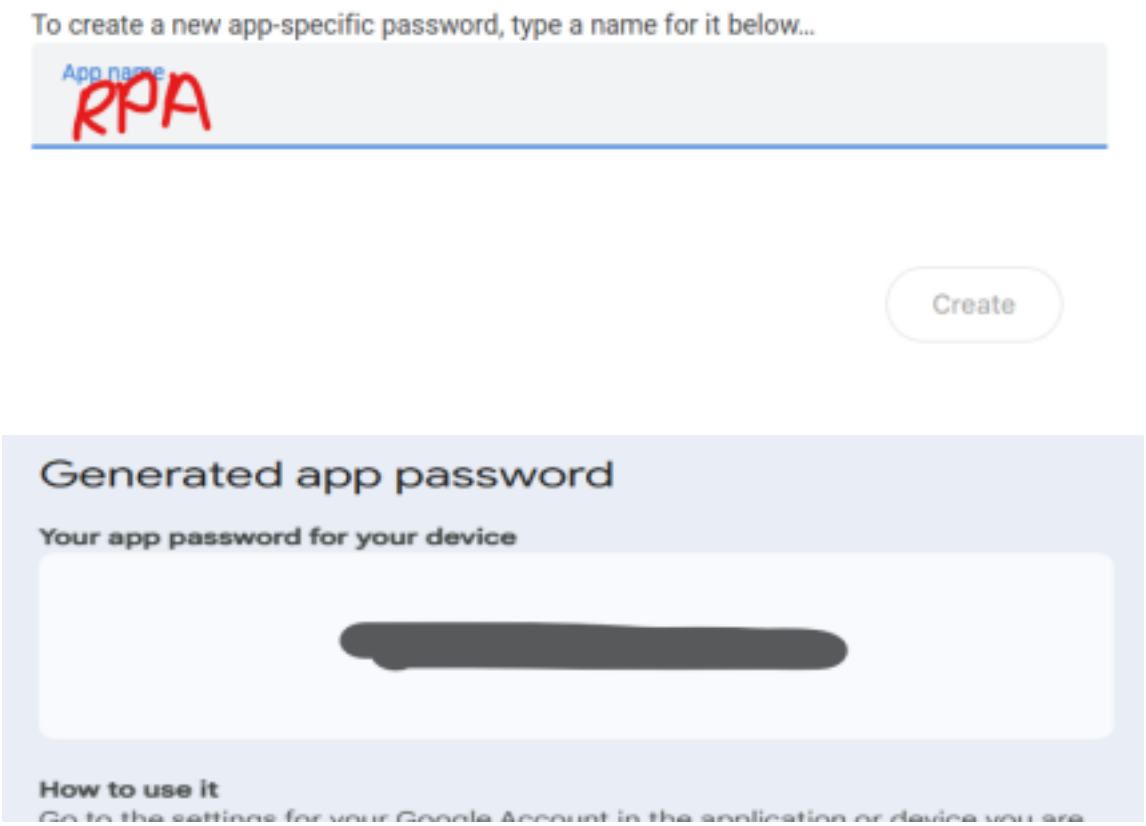
Q2. BOT to send email notification

Step1: Go to the google account -> Security -> Two step verification -> Add mobile number & verify.



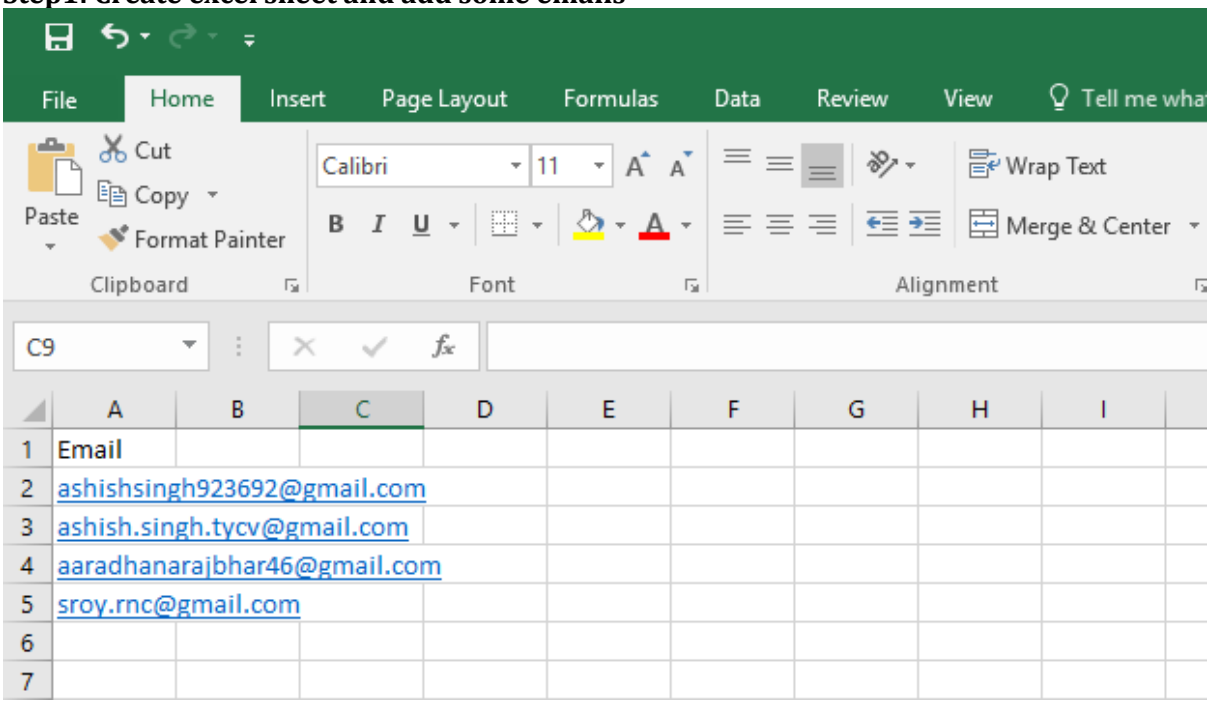
Step 2: Open this link https://support.google.com/mail/answer/185833?hl=en and give name for that app password

Name: Omkar Pendkalkar Roll No: 40

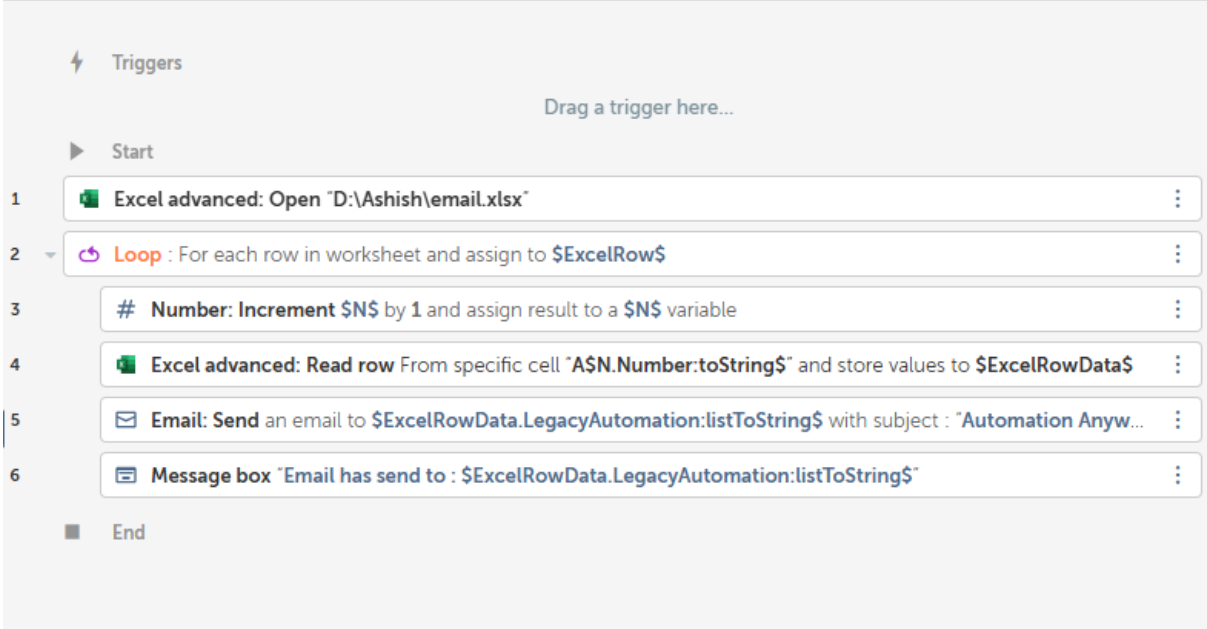


After that copy the password and save it in notepad.

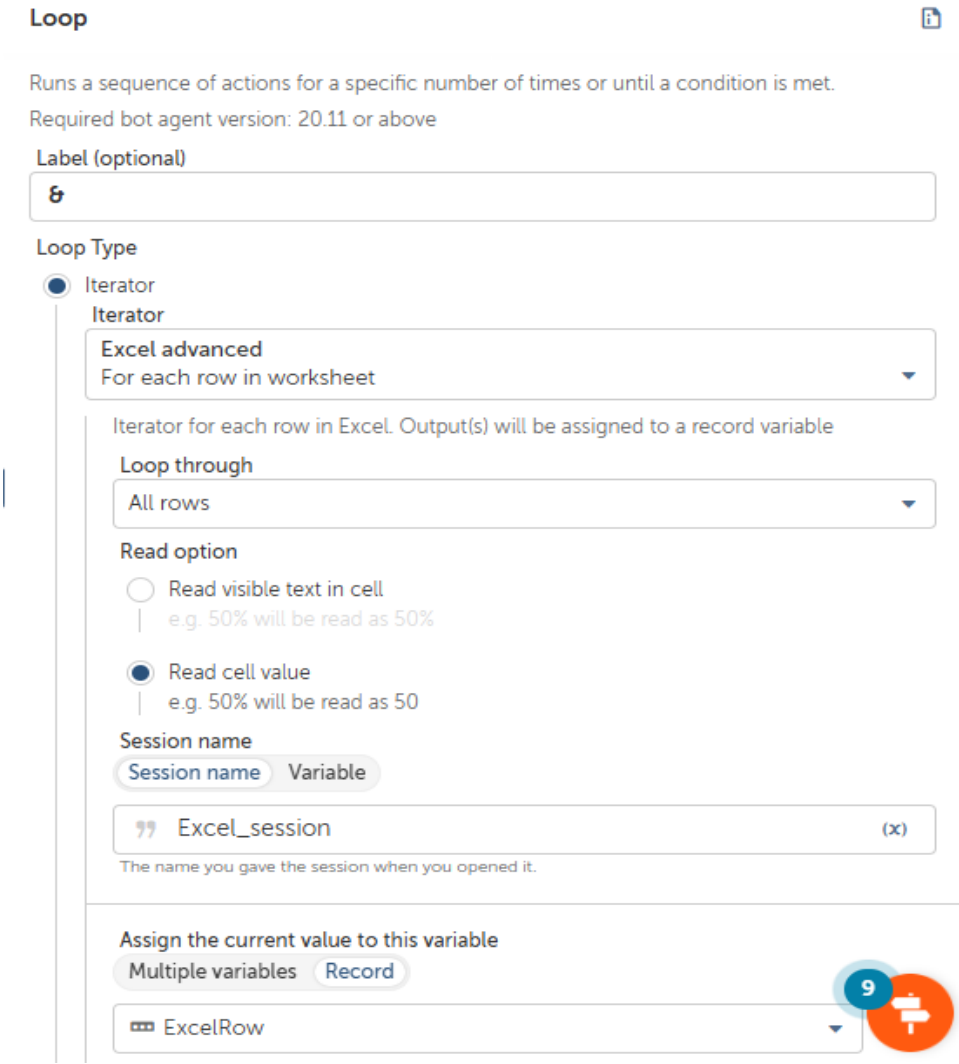
Step1: Create excel sheet and add some emails



Step 2: Insert Advance excel package and upload this excel file.

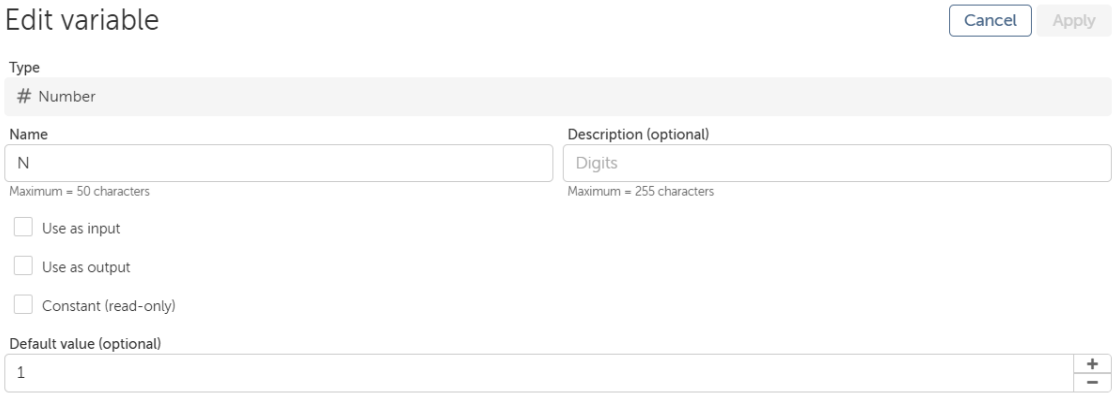


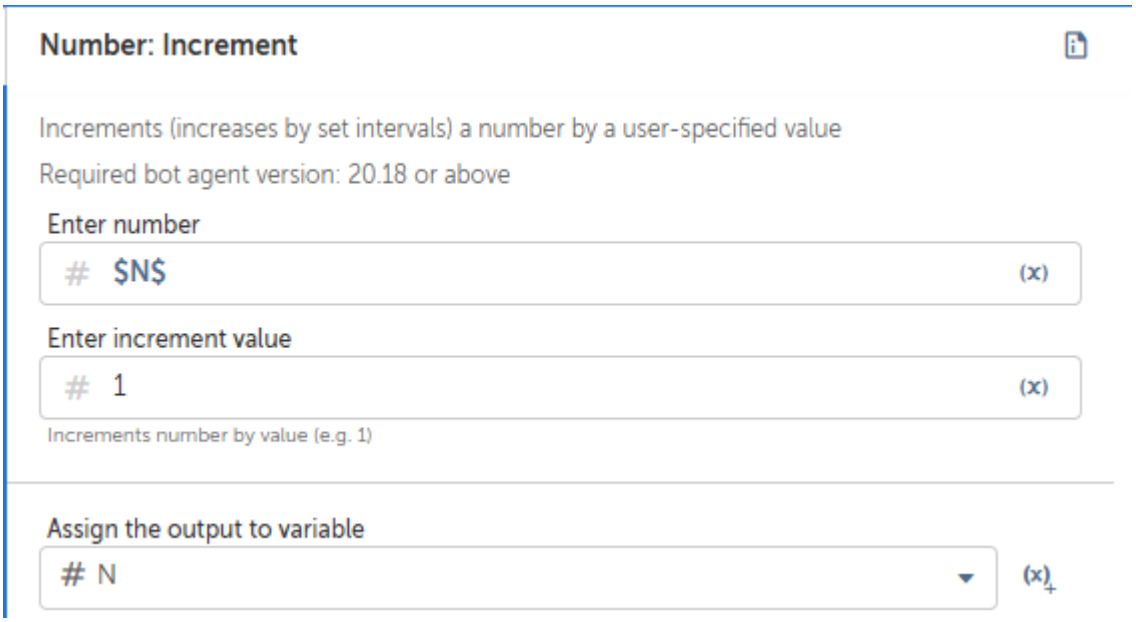
Step 3: Insert Loop and select each row in worksheet



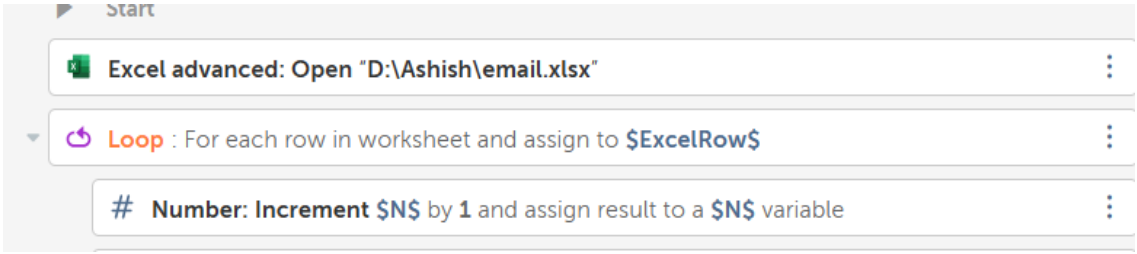
Name: Omkar Pendkalkar Roll No: 40

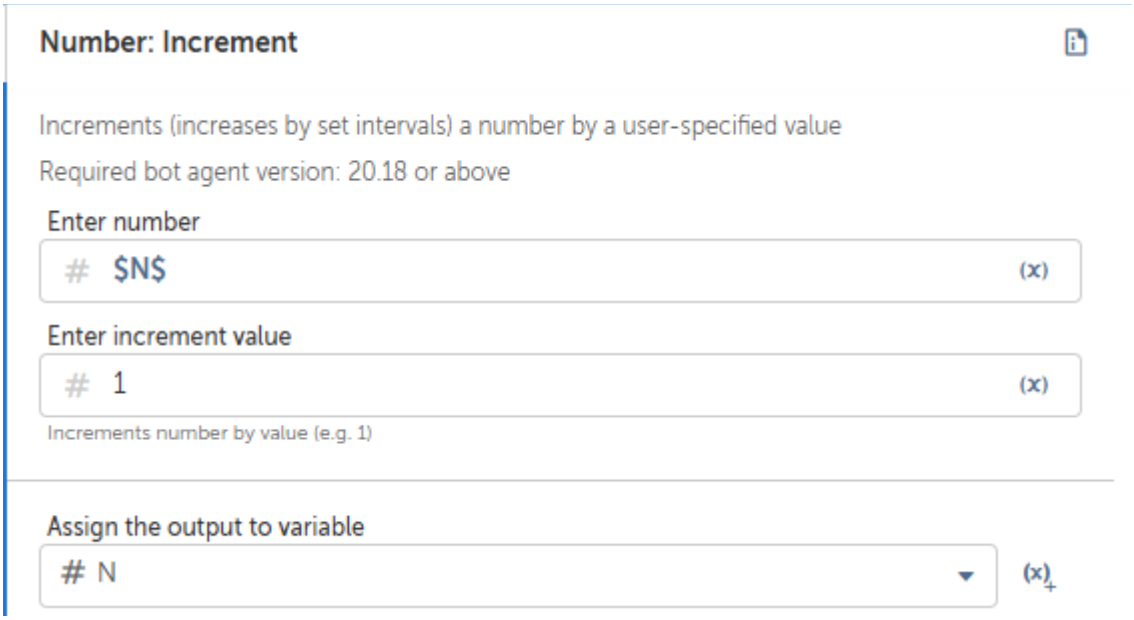
Step 4: Create an Int variable and add default value as 1.



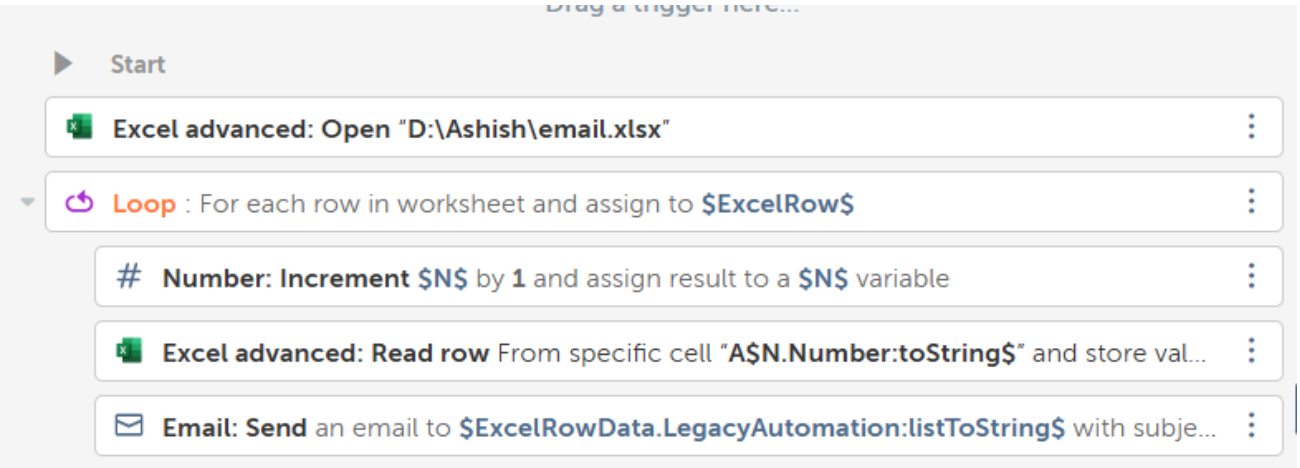


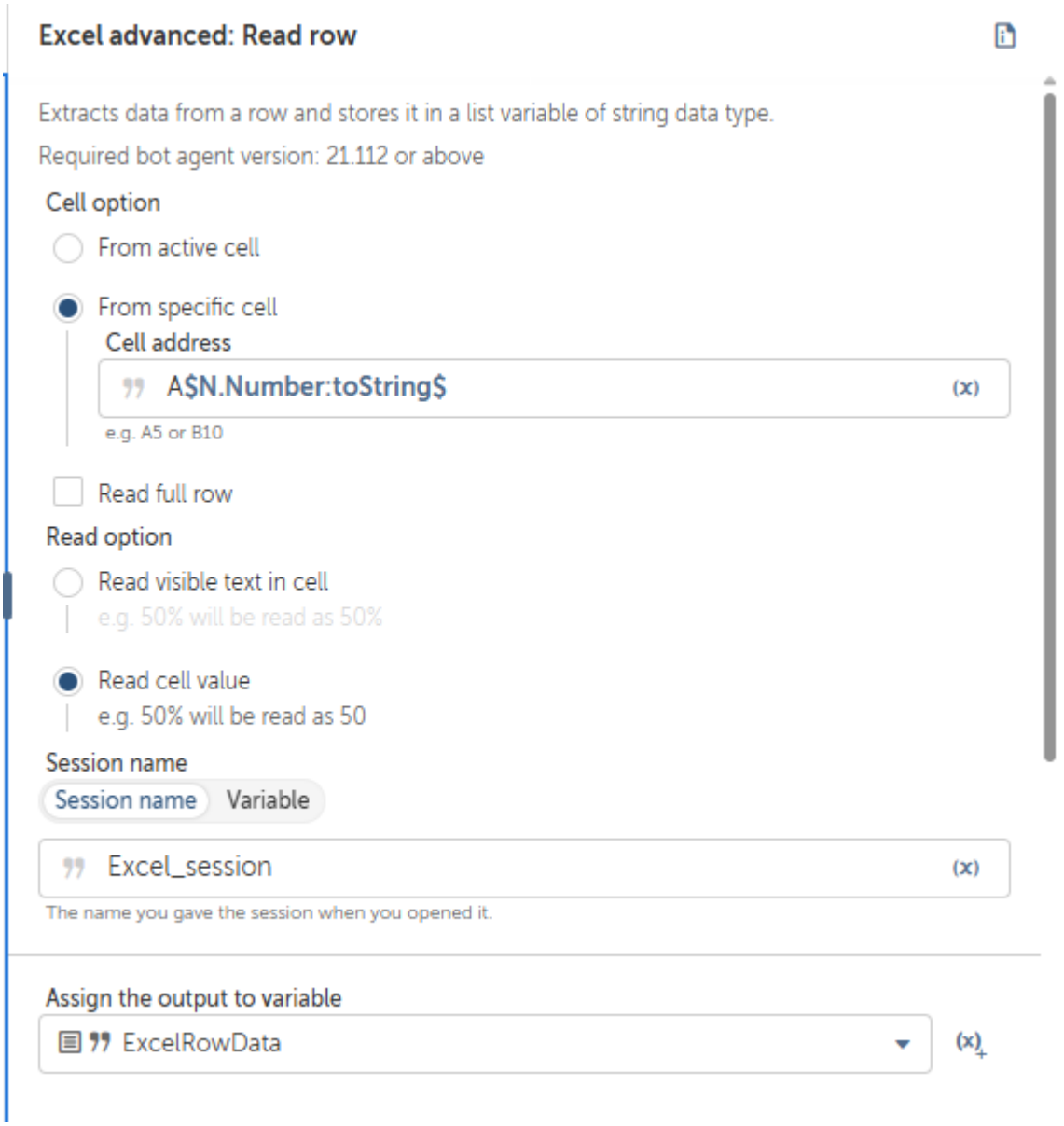
Step 5: Insert Increment package



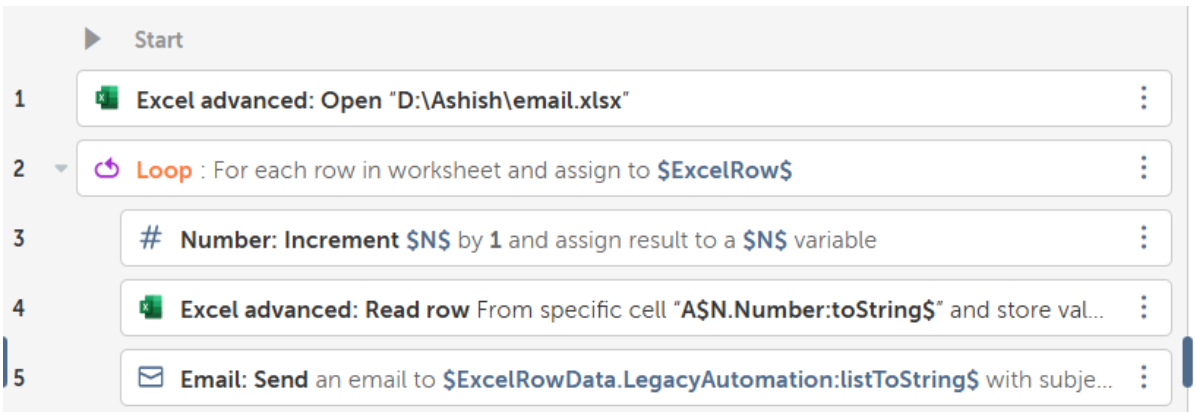


Step 6: Insert open Excel Advanced Read row package and create a list variable to store the excel data.

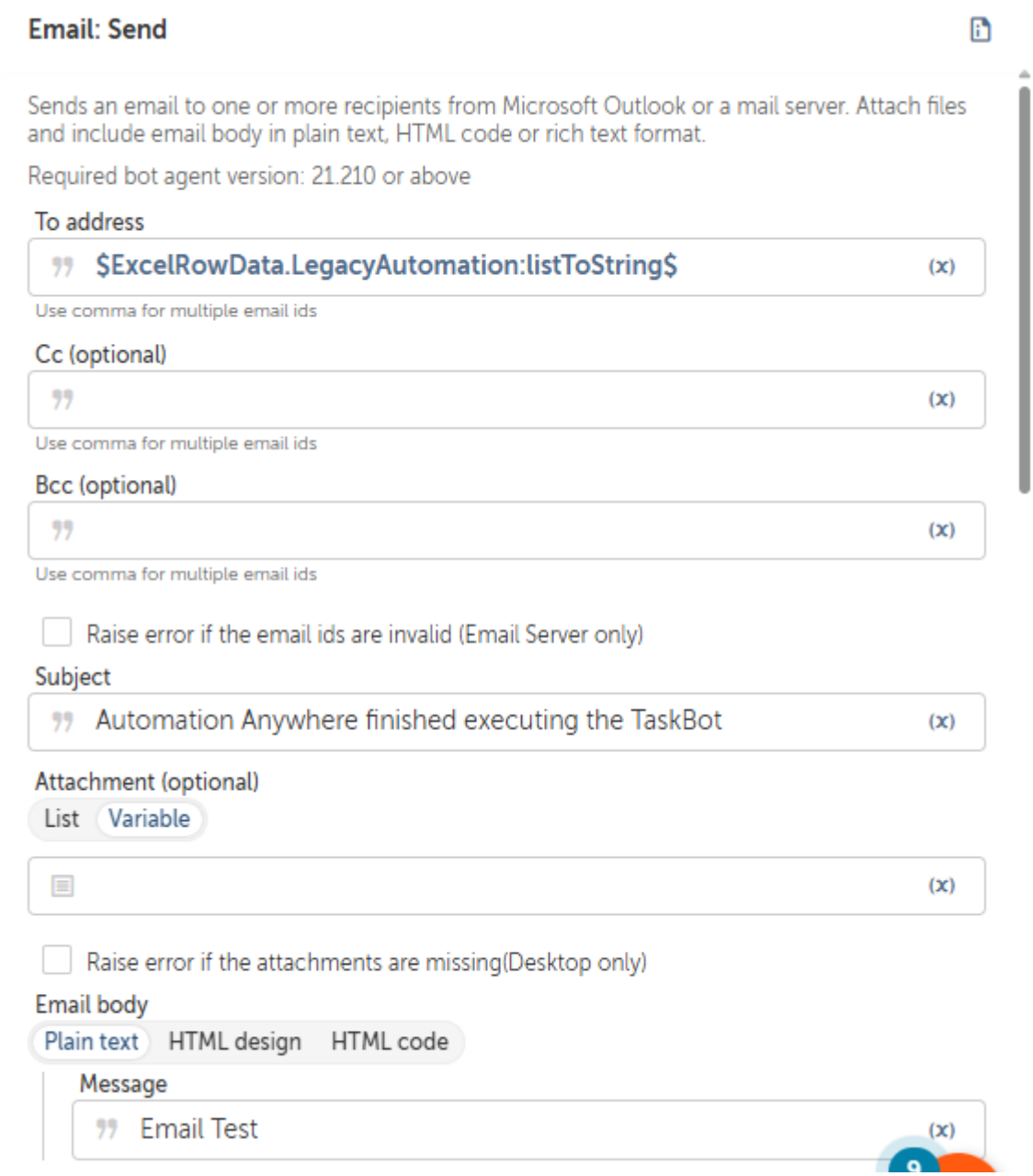




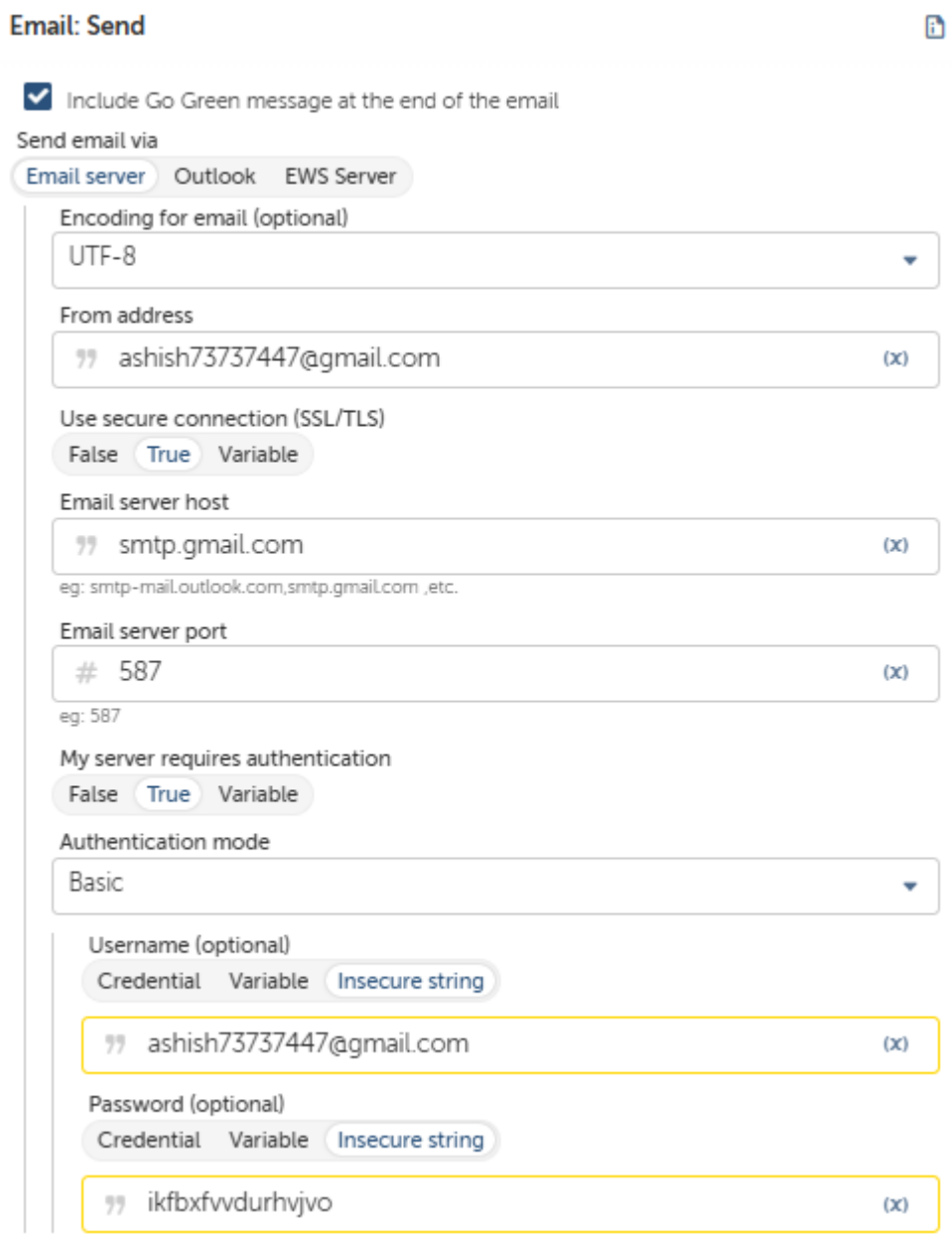
Step 7: Insert Email Send package and add following configuration details



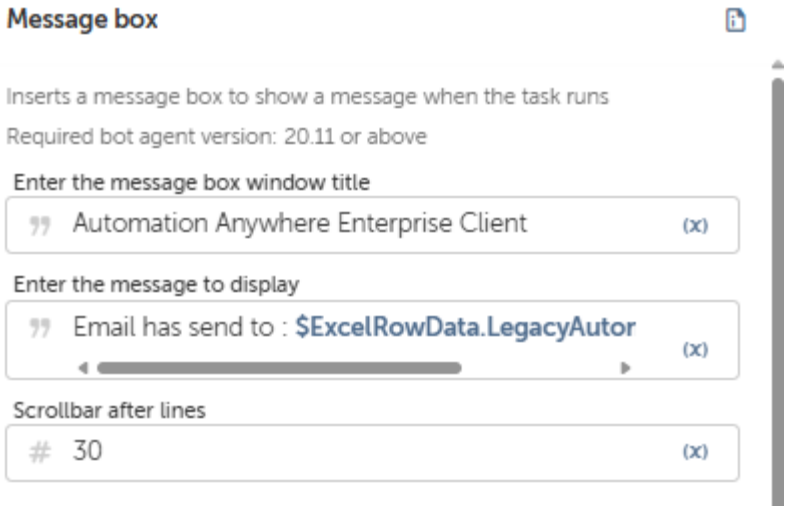
Name: Omkar Pendkalkar Roll No: 40



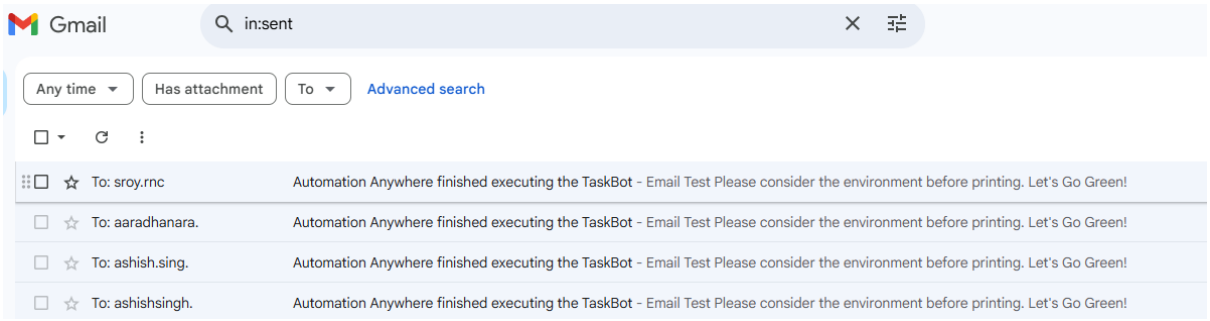
Name: Omkar Pendkalkar Roll No: 40

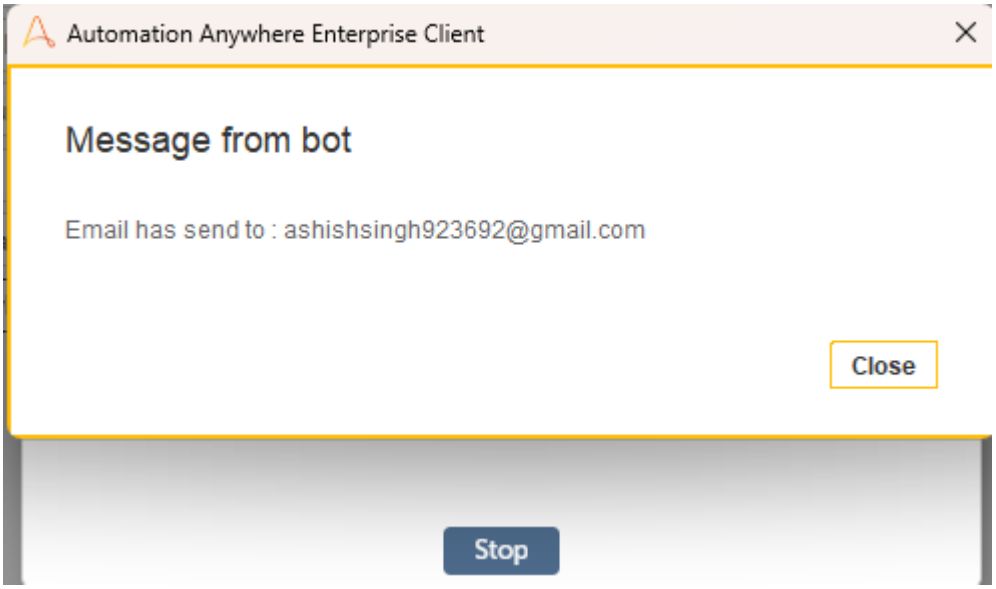


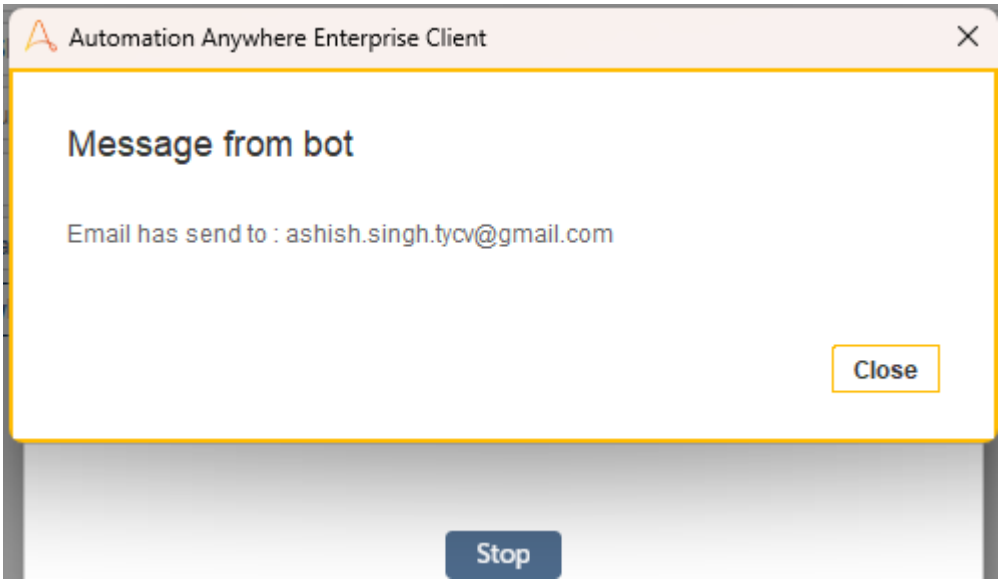
Step 8: Add Message box to display successfully email has been send message.



Name: Omkar Pendkalkar Roll No: 40

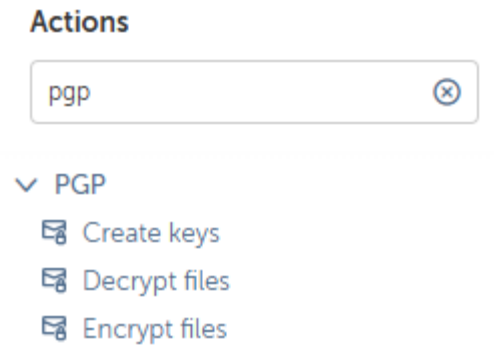






Name: Omkar Pendkalkar Roll No: 40

Q3. BOT to demonstrate PGP(Pretty Good Privacy) to encrypt and decrypt file contents.



Create Keys action helps us to create public and private keys.

Decrypt Files action is used to decrypt the already encrypted files.

Encrypt Files action encrypts the file using one of the specified Encryption Algorithm.

Step 1: Select Action PGP: Create keys

a) Provide Location to save Public key file C:\Users\Admin\Desktop\Ashish\Public_Key.txt
b) Provide Location to save Private key file C:\Users\Admin\Desktop\Ashish\Private_Key.txt
c) Set the Password to protect private key file (optional) as 'Insecure String'

Step 2: Select Action PGP: Encrypt files

a) Provide Encryption Type as Public Key File
C:\Users\Admin\Desktop\Ashish\Public_Key.txt

b) Provide Encryption algorithm as AES256
c) Provide the source file/folderC:\Users\Admin\Desktop\Ashish\ashish.txt
d) Provide the destination file/folder C:\Users\Admin\Desktop\Ashish\ashish12.txt

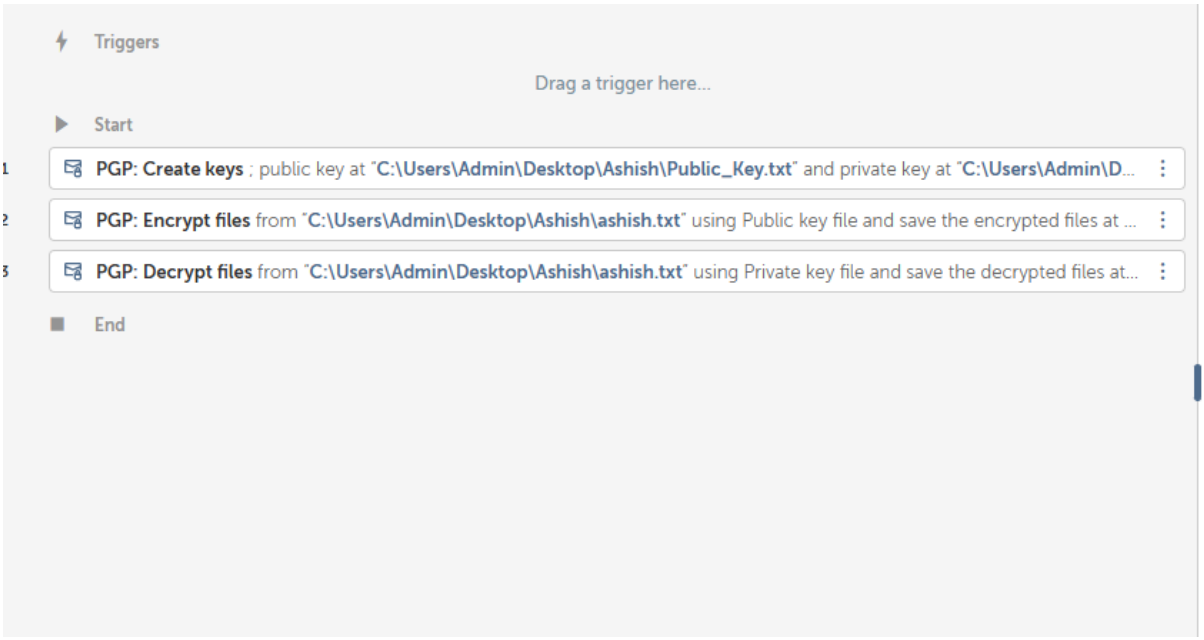
Step 3: Select Action PGP: Decrypt files

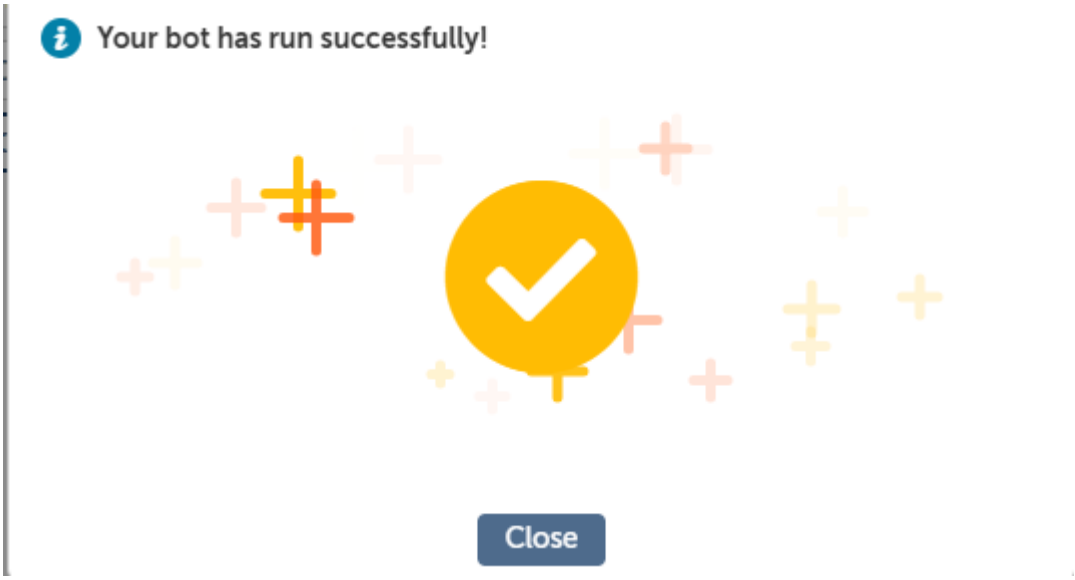
a) Provide Encryption Type as Private Key File
C:\Users\Admin\Desktop\Ashish\Private_Key.txt

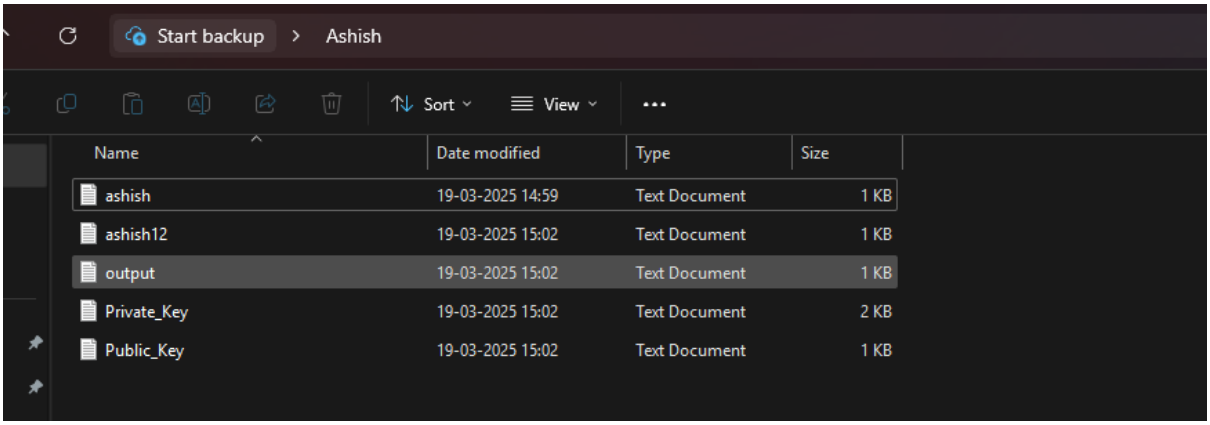
b) Set Password to protect private key file (optional) as Insecure String
c) Provide the source file/folderC:\Users\Admin\Desktop\Ashish\ashish12.txt
d) Provide the destination file/folderC:\Users\Admin\Desktop\Ashish\output.txt

Bot Name: PGP_Secure_Files

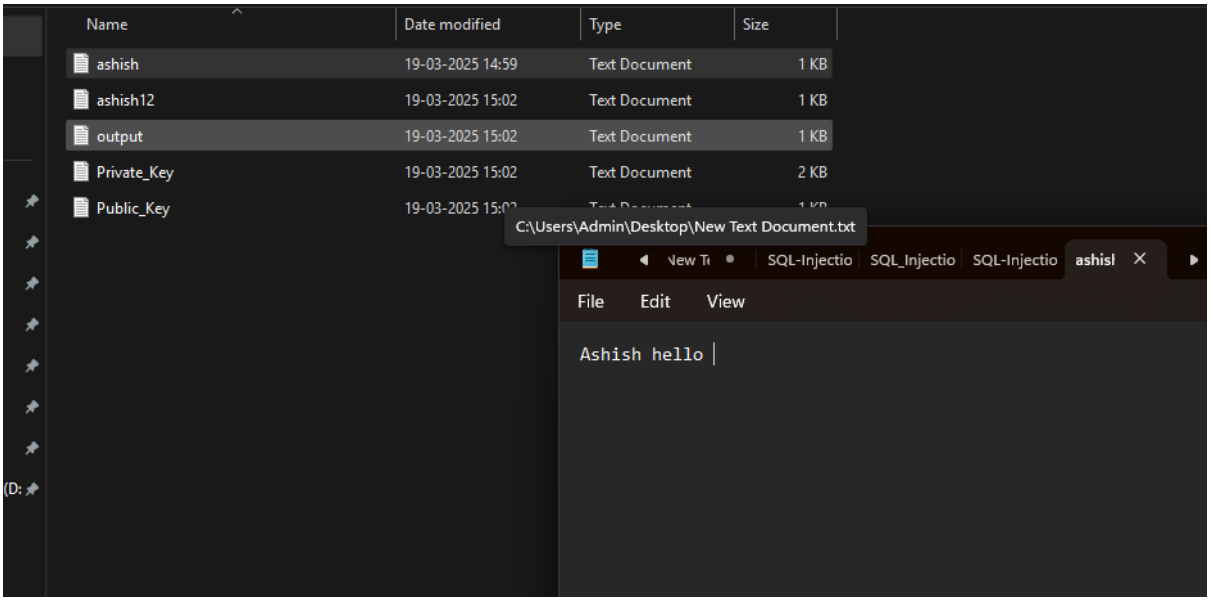
Name: Omkar Pendkalkar Roll No: 40

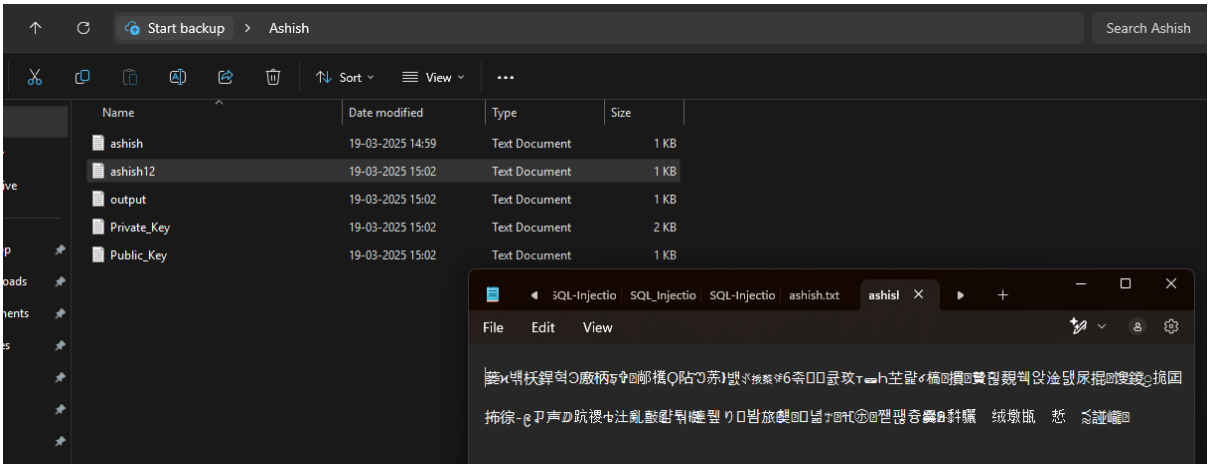


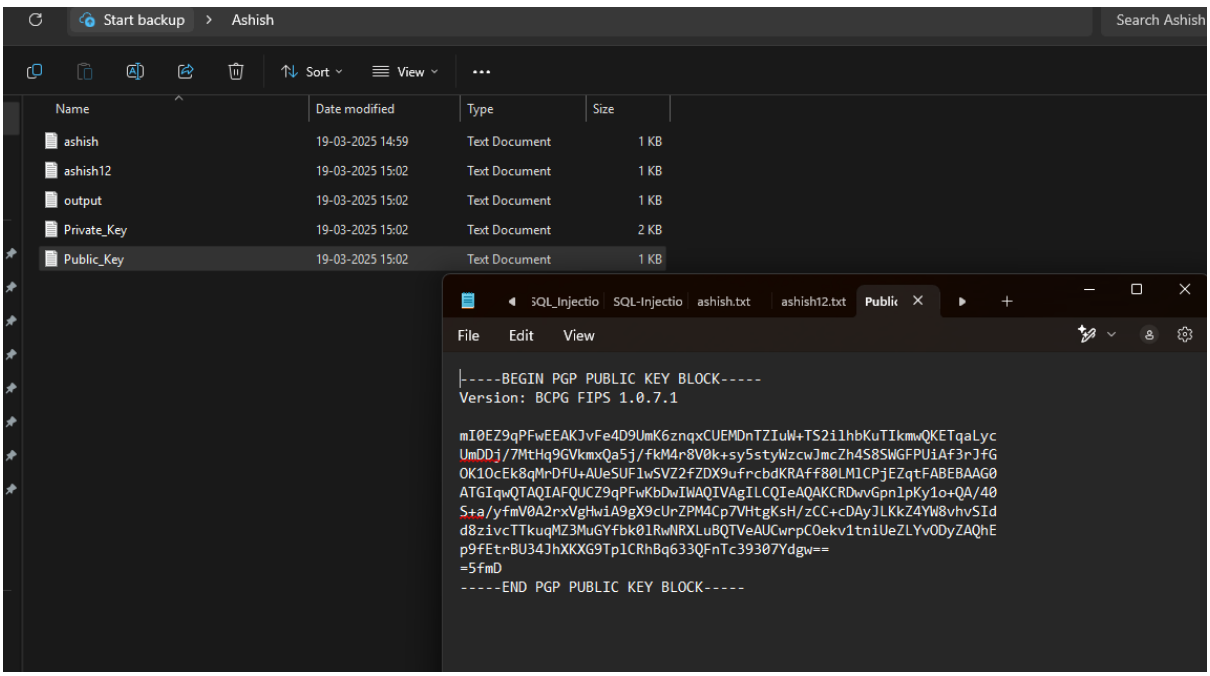


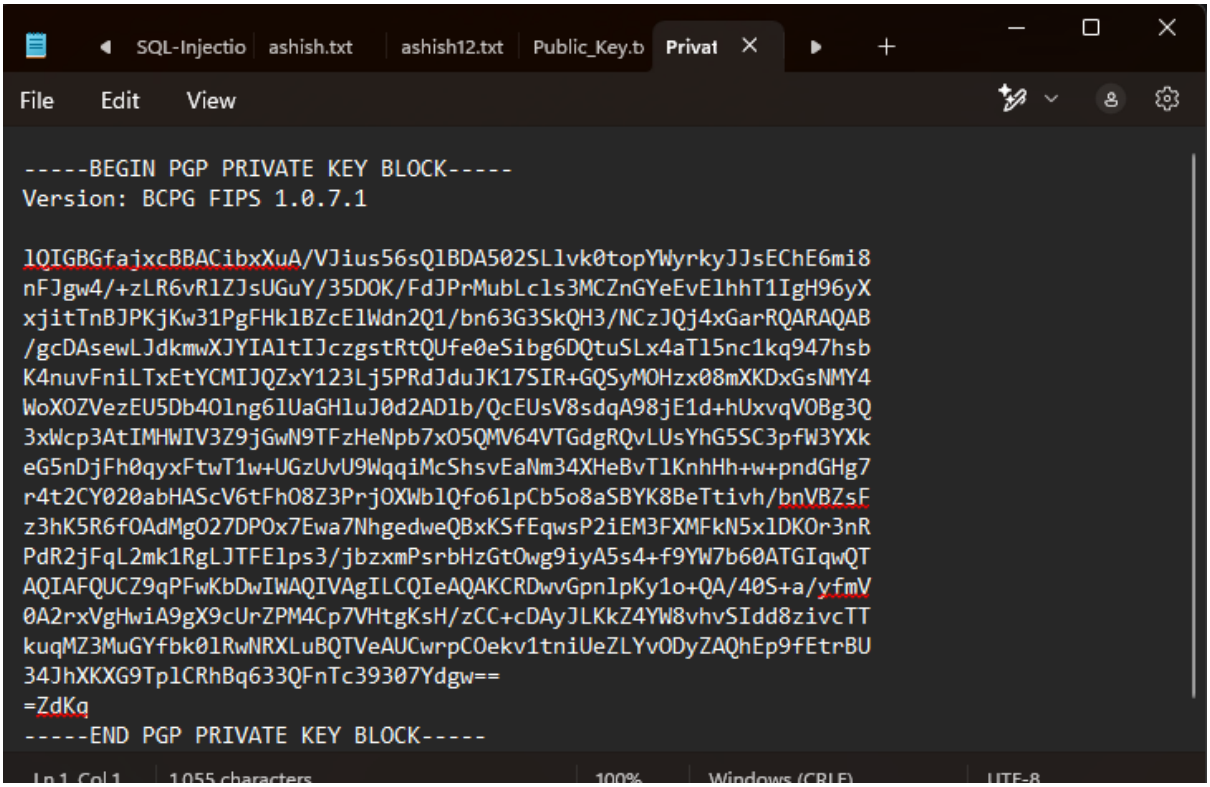


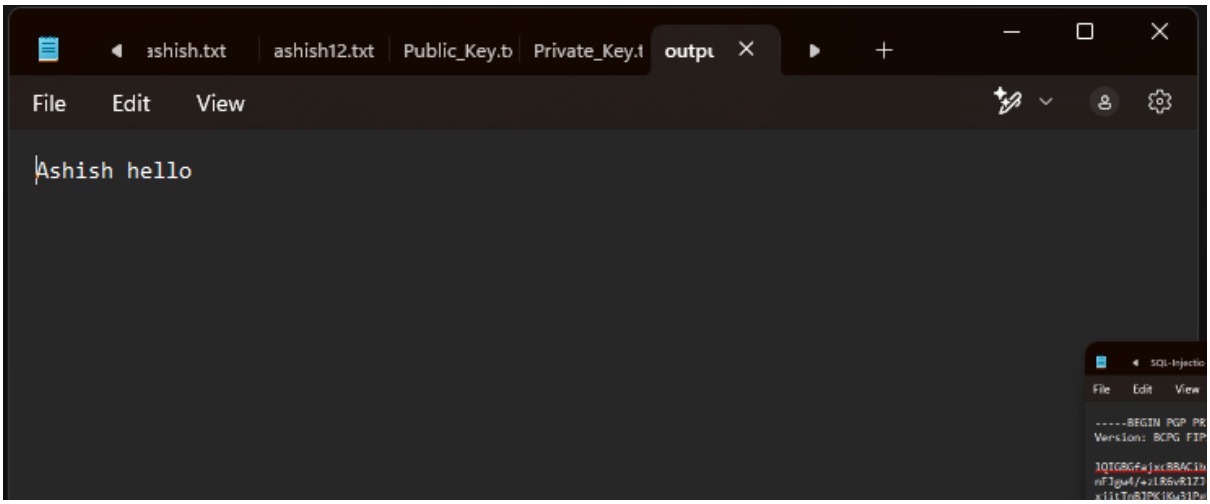
Name: Omkar Pendkalkar Roll No: 40







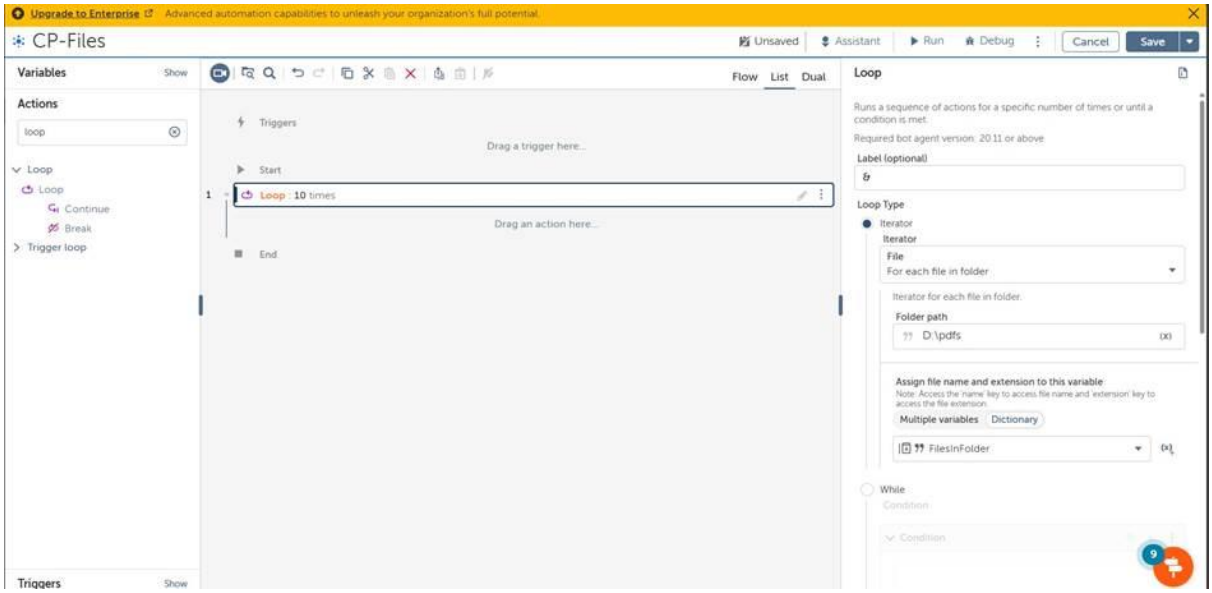




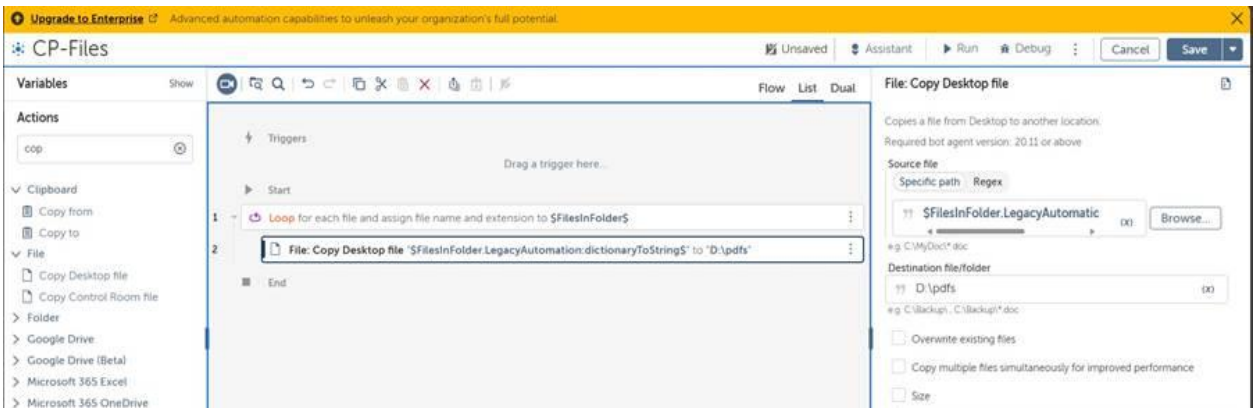
Q4. Automate task of copying files from a source folder to destination folder.

Take loop select each file in folder create a dictionary variable

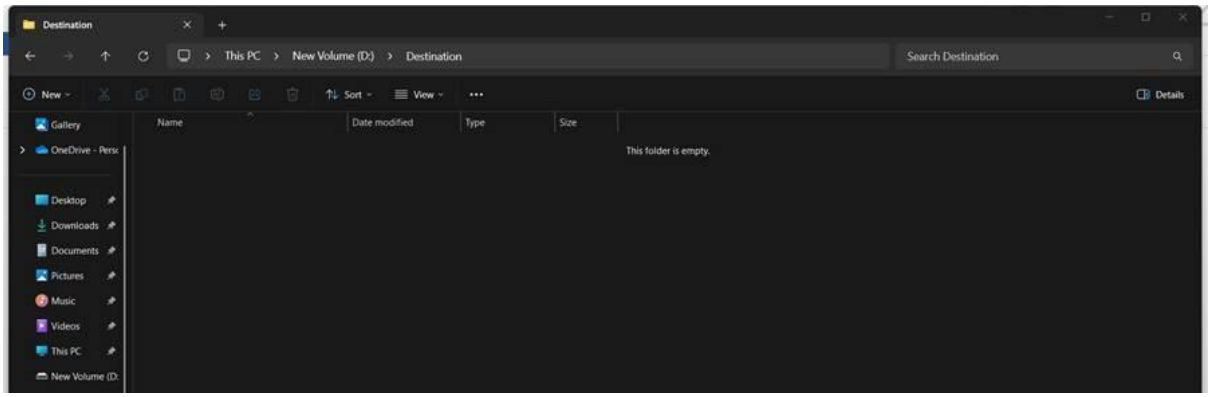
Name: Omkar Pendkalkar Roll No: 40



Put file copy action

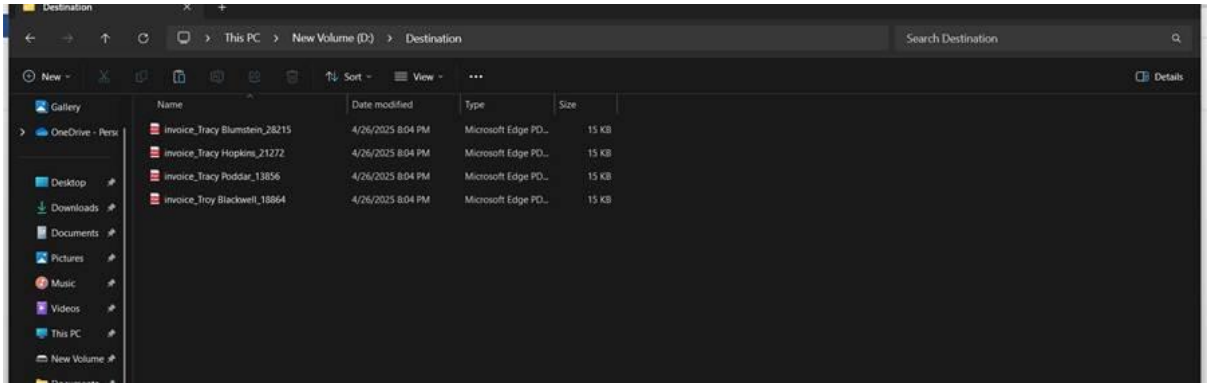


Before bot



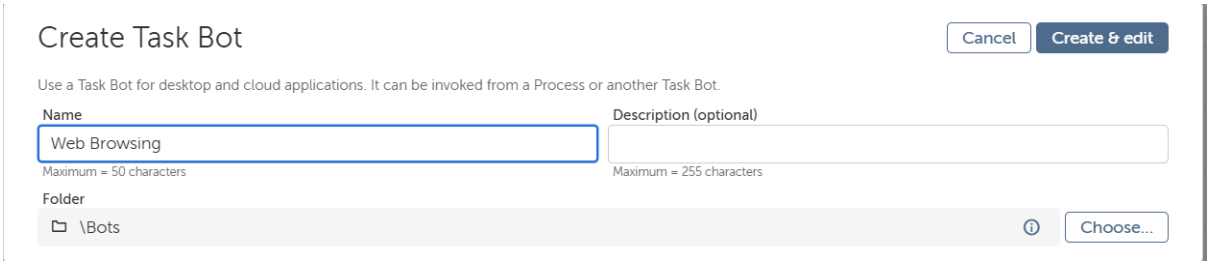
After bot

Name: Omkar Pendkalkar Roll No: 40

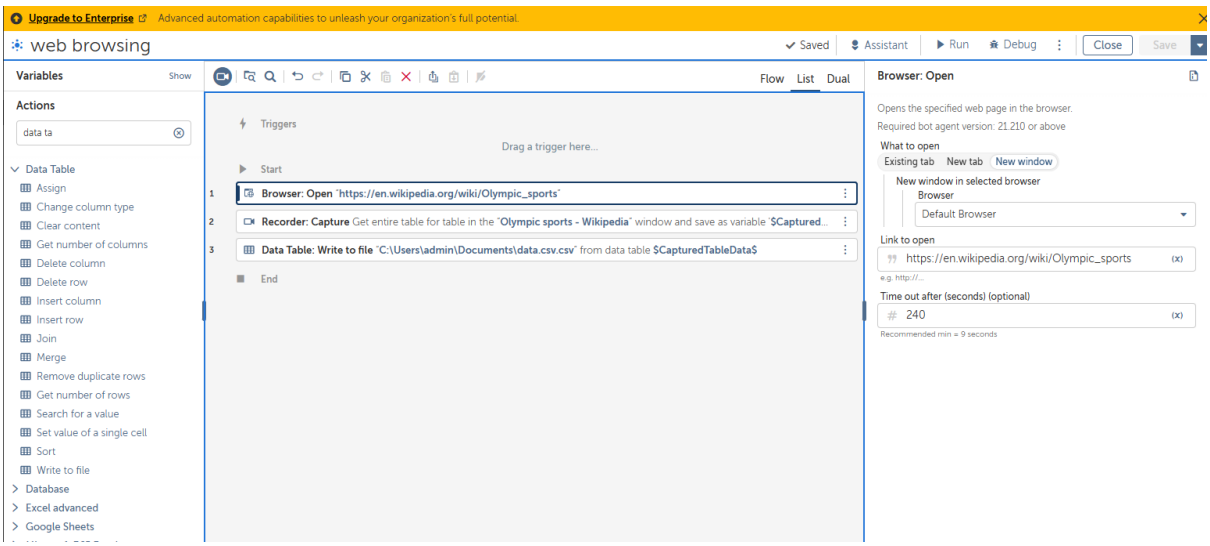


Q5. Extract a table from webpage.

1. **Create a New Bot:**
   - Open Automation Anywhere Control Room.
   - Go to "My Bots" and click on "Create a Bot."

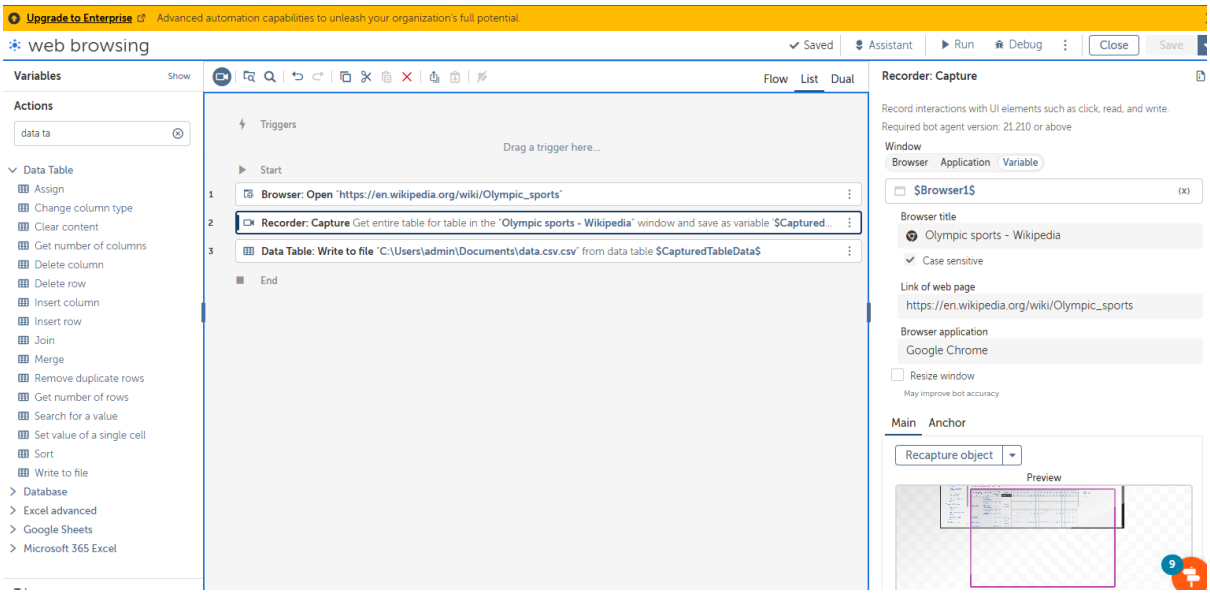


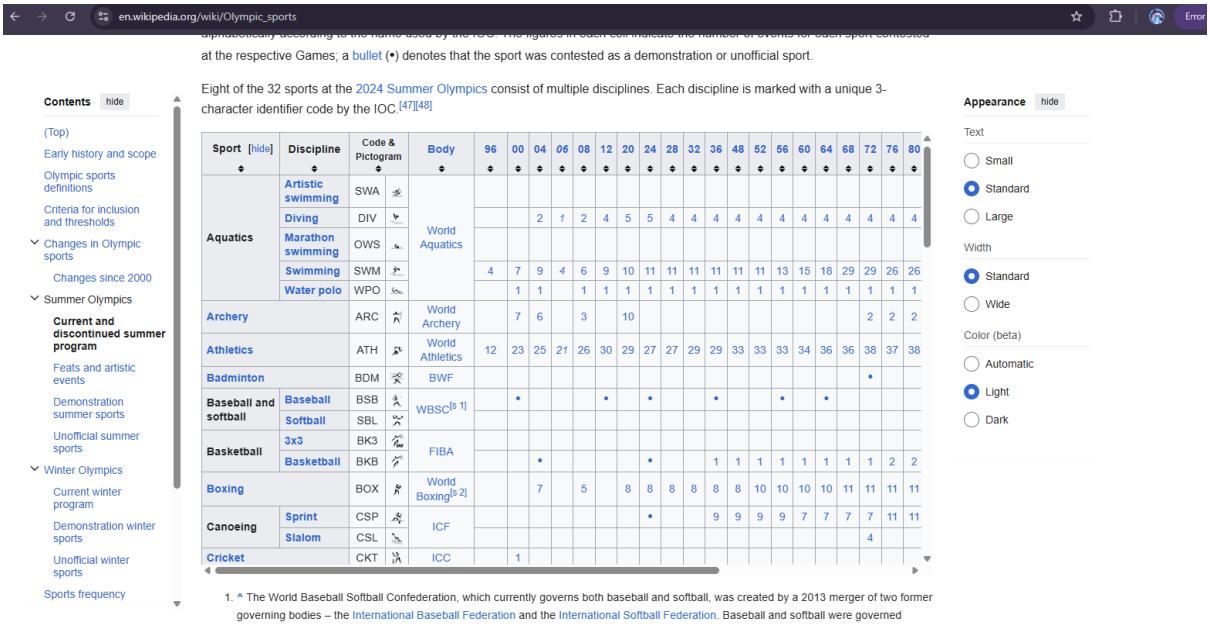
2. **Open Browser:**
   - Drag the **Open Browser** action from the Actions panel.
   - Enter the URL of the webpage containing the table you want to extract.



Name: Omkar Pendkalkar Roll No: 40

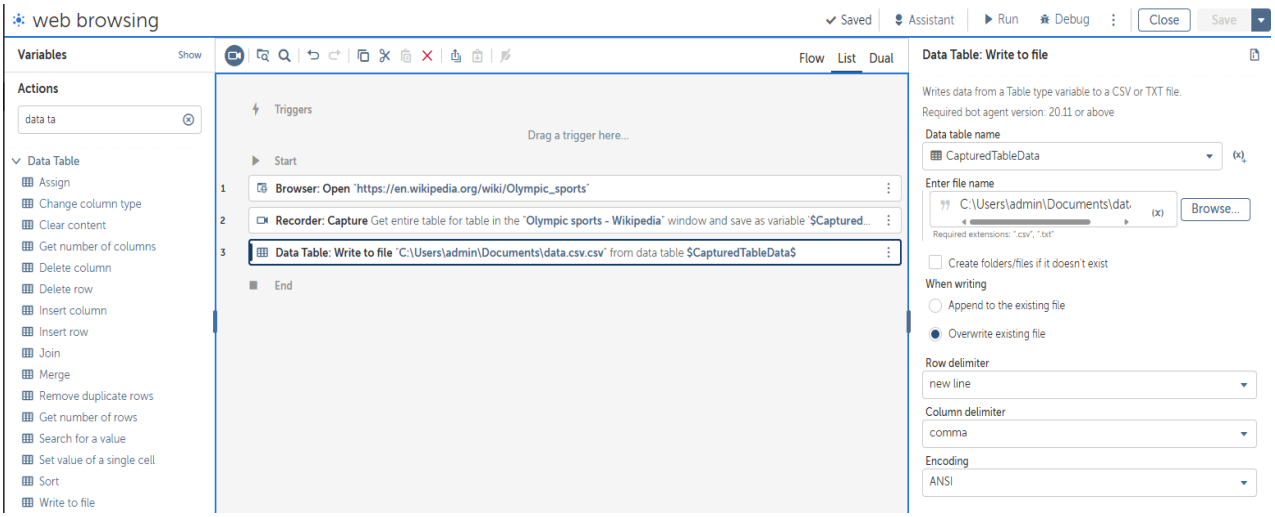
3. **Capture the Table:**
   - Search for and drag the **Capture** action (under Web Automation).
   - Use the Capture Tool to highlight and select the table from the webpage.
   - Choose "Table" when the capture type is prompted.



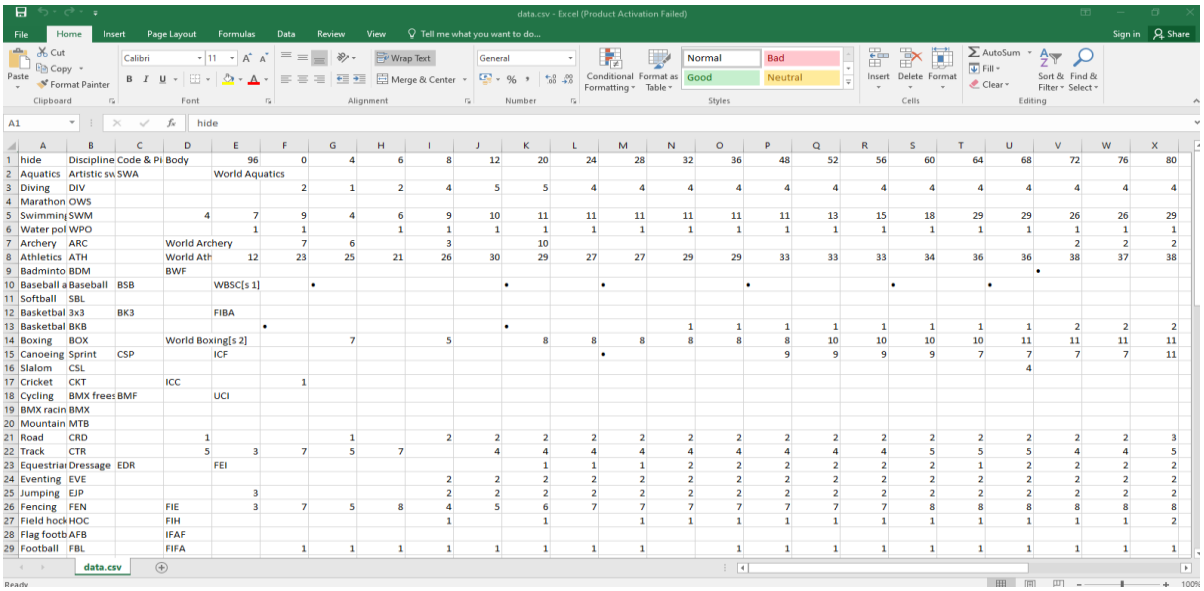


Sport [hide]	Discipline	Code & Pictogram	Body	96	00	04	06	08	12	20	24	28	32	36	48	52	56	60	64	68	72	76	80
Aquatics	Artistic swimming	SWA	World Aquatics																				
	Diving	DIV				2	1	2	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4
	Marathon swimming	OWS																					
	Swimming	SWM		4	7	9	4	6	9	10	11	11	11	11	11	11	13	15	18	29	29	26	26
	Water polo	WPO			1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Archery		ARC	World Archery		7	6		3		10											2	2	2
Athletics		ATH	World Athletics	12	23	25	21	26	30	29	27	27	29	29	33	33	33	34	36	36	38	37	38
Badminton		BDM	BWF																		•		
Baseball and softball	Baseball	BSB	WBSC[s 1]		•				•		•			•			•		•				
	Softball	SBL																					
Basketball	3x3	BK3	FIBA																				
	Basketball	BKB				•					•			1	1	1	1	1	1	1	1	2	2
Boxing		BOX	World Boxing[s 2]			7		5		8	8	8	8	8	8	10	10	10	10	11	11	11	11
Canoeing	Sprint	CSP	ICF								•			9	9	9	9	7	7	7	7	11	11
	Slalom	CSL																			4		
Cricket		CKT	ICC		1																		

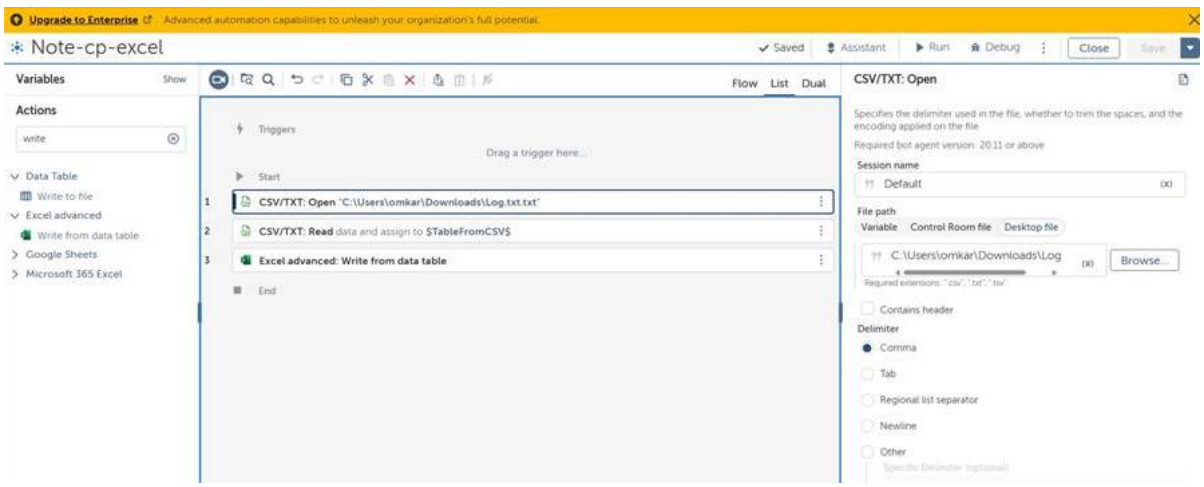
Name: Omkar Pendkalkar Roll No: 40



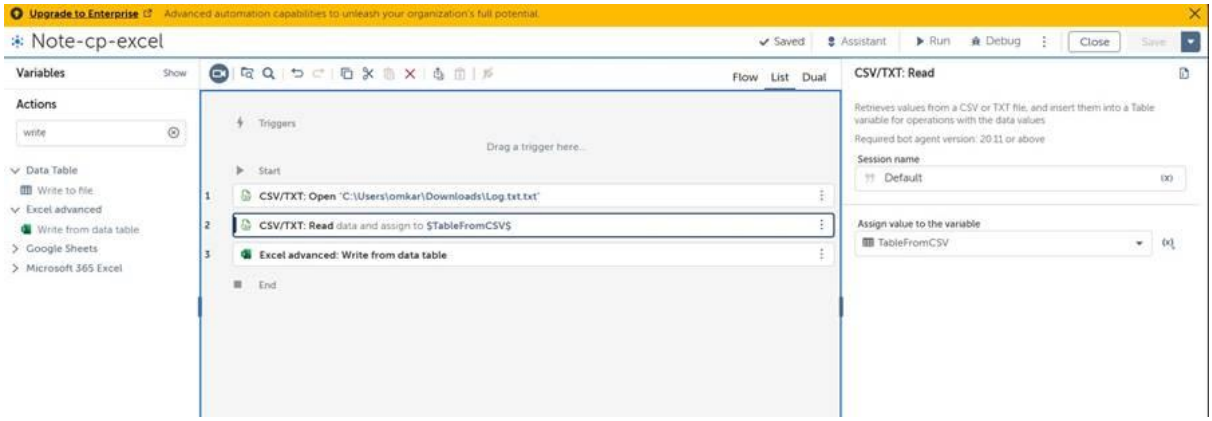
Output:

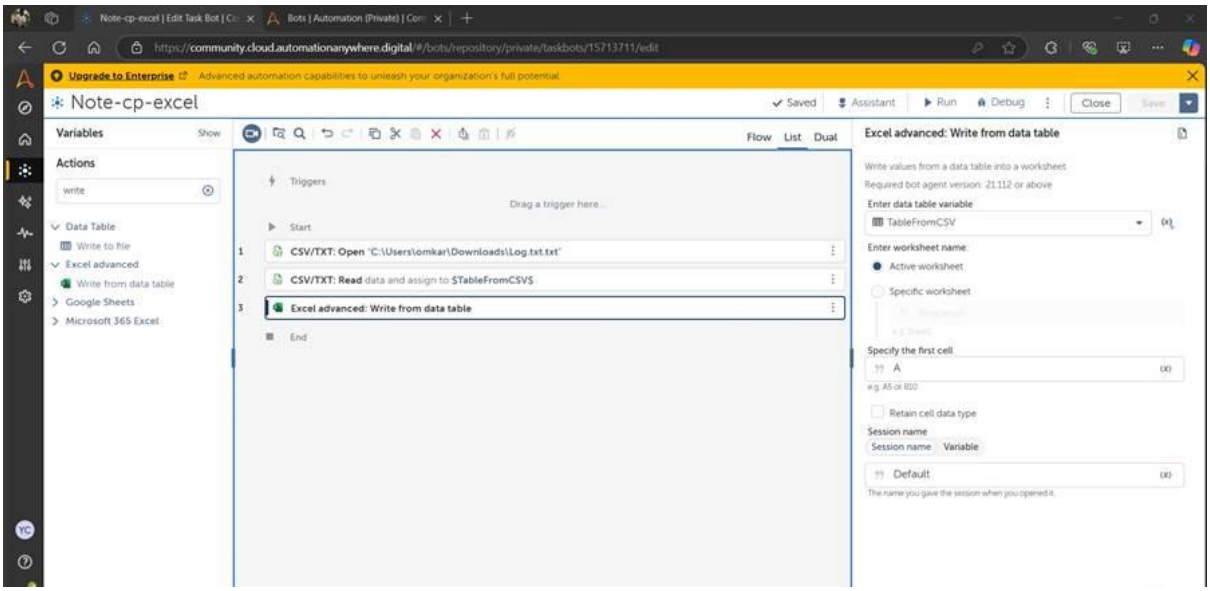


Q6. Bot to extract text from notepad file and copying it into excel.

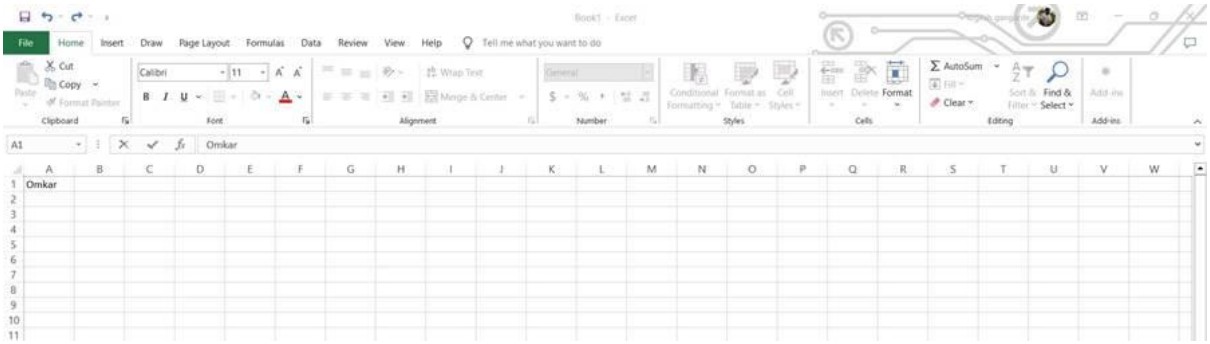


Name: Omkar Pendkalkar Roll No: 40





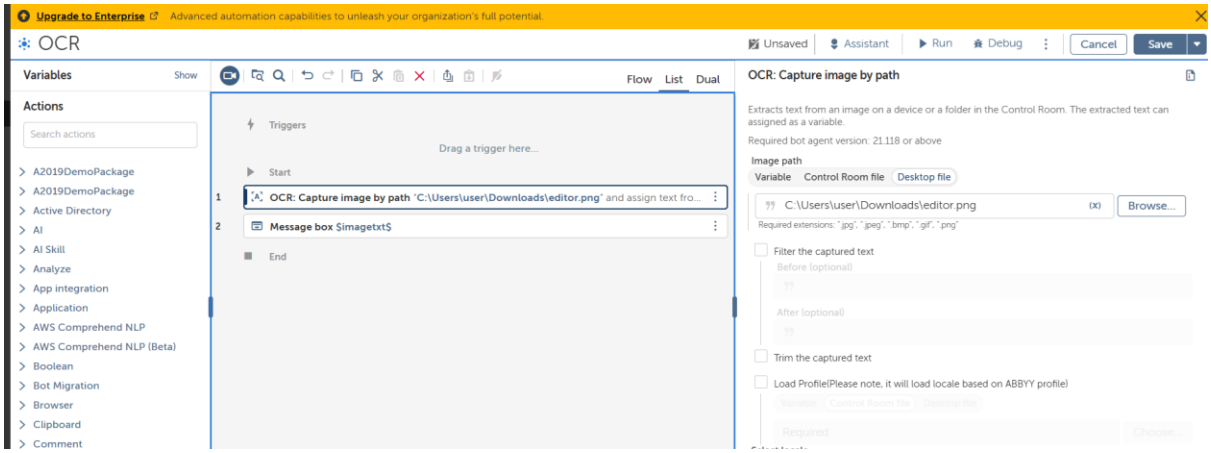
Output:



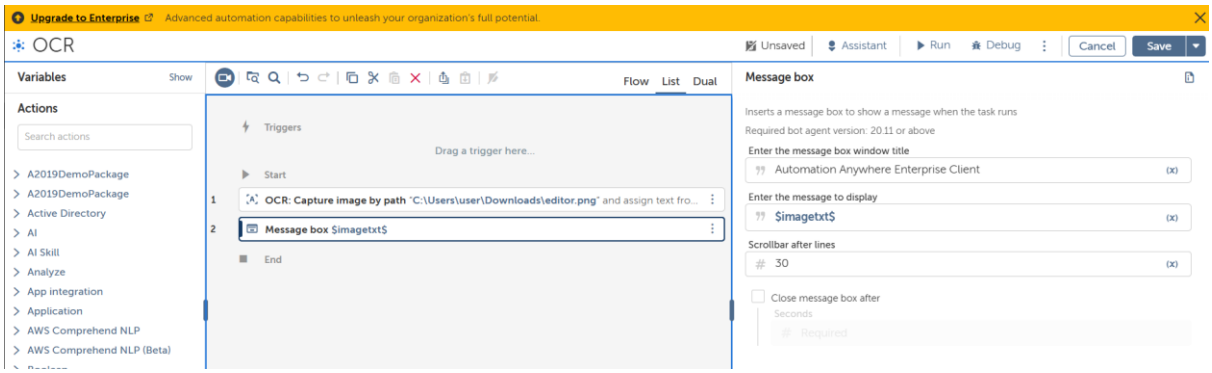
Q7. Extracting Text form image.

1. Select OCR give path of image
2. Create variable for further use

Name: Omkar Pendkalkar Roll No: 40



3. Use msg to display output
4. Select variable previously created



Input:

Output:

Name: Omkar Pendkalkar Roll No: 40