**1. Design and create a bot to automate tasks of**

  A. Reading emails from inbox and displaying its Subject and Message

  B. Sending a mail

  C. Replying to unread mail from mail inbox

Bot for Reading emails:

1. MAKE CREDENTIALS WITH 2 ATTR. USERNAME & PASSWORD (APP PASSWORD)
2. EMAIL CONNECTION (SESSION NAME) – INSERT APPROPRIATE INFORMATION FOR CONNECTION AND FETCH USERNAME AND PASSWORD VIA CREDENTIALS FEATURE.
3. LOOP: FOR EACH MAIL IN THE MAILBOX
   a. ASSIGN THE CURRENT VALUE TO A DICTIONARY (CREATE NEW).
   b. MESSAGE BOX TO FETCH DETAILS OF THE MAIL USING THE SEVERAL INDEX OPTIONS OF THE ABOVE-CREATED DICTIONARY.
4. EMAIL DISCONNECT (SESSION NAME)
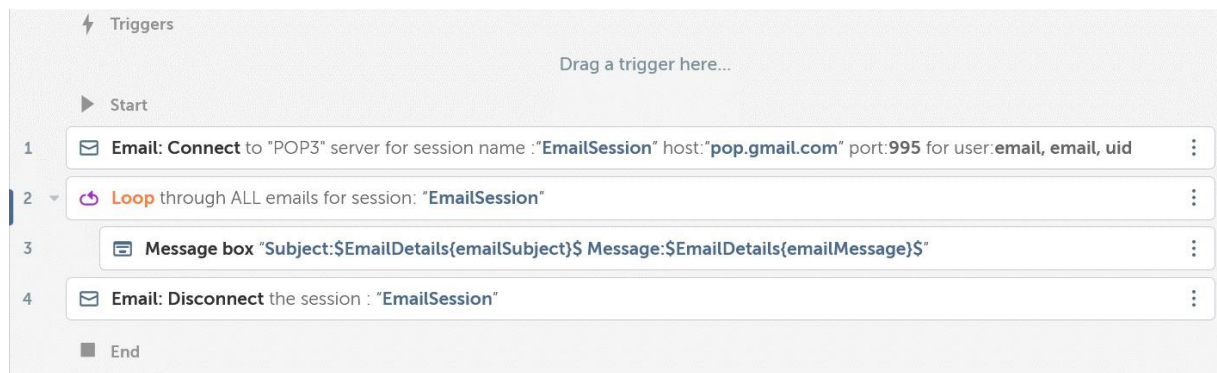
Bot for Sending Mail:

1. EMAIL SEND ACTION REQUIRES 'TO'; 'SUBJECT'; 'MESSAGE'
2. WILL REQUIRE THE APPROPRIATE AUTHENTICATION DETAILS DEPENDING ON THE CONNECTION METHOD YOU WOULD LIKE TO USE.
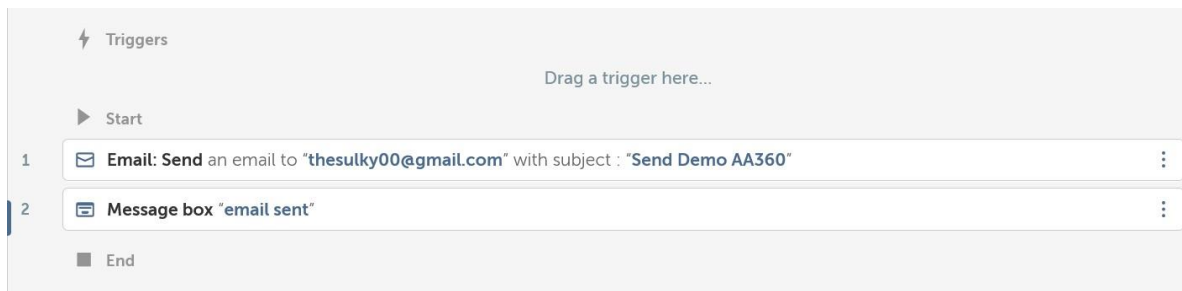
Bot for Replying to Mail:

1. FOLLOW THE SAME INSTRUCTIONS TO CONNECT AS THE 1ST BOT.
2. MENTION THE APPROPRIATE SETTINGS REQUIRED FOR AUTHENTICATION
3. LOOP: FOR EACH MAIL IN THE MAILBOX
   a. REPLY–REQUIRES EMAIL BODY, AND APPROPRIATE AUTHENTICATION INFORMATION.
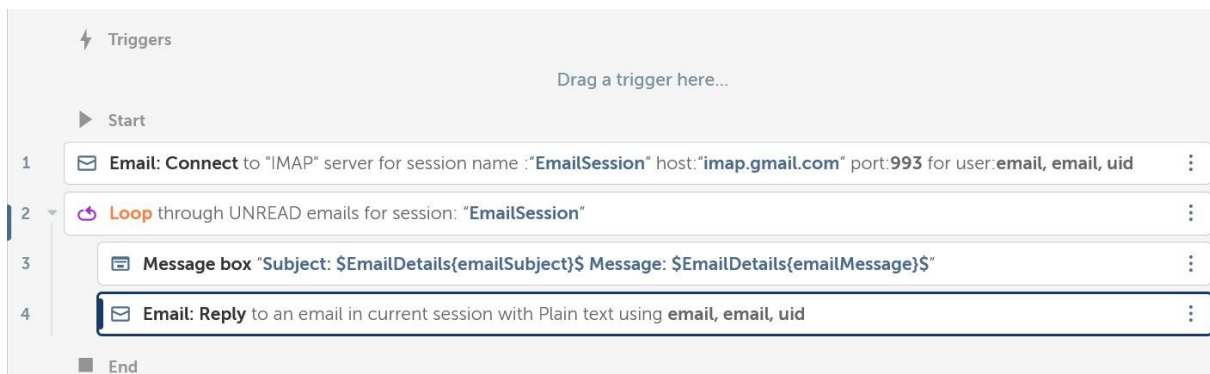
2. Design and create a bot to create a folder and transfer files to a server.

Bot Basic Algorithm:

4. Establish a connection with the FTP/SFTP server using the Connect action. When establishing a connection, associate the FTP/SFTP server details with a session name. Use the same session name for all corresponding actions.
5. Use the FTP/SFTP actions to automate a task. The actions enable you to perform the following tasks:
   a. Upload, download, delete, or rename files.
   b. Upload, download, create, or delete folders.

c. Navigate to the parent folder or a specific folder.

6. After you have automated the tasks related to FTP / SFTP, terminate the connection to the server using the Disconnect action.
7. Double-click or drag the Connect action from the FTP/SFTP node in the Actions palette.
8. Enter a name for the session in the Session name field.
9. Enter the FTP/SFTP server name in the Server name field.
10. Specify the port number.
11. Select one of the following options to specify the server type
12. Select Reconnect if the connection fails if you want to automatically reconnect: A. Specify the number of attempts in the Attempts field. B. Select the time lapse in the Time between attempts field.
13. Click Save.

⚡ Triggers

Drag a trigger here...

▶ Start

FTP Ftp/Sftp: **Connect** to "**127.0.0.1**"

FTP Ftp/Sftp: **Create folder** "NewFolder2"

FTP Ftp/Sftp: **Put files** "D:\test\sample.txt"

FTP Ftp/Sftp: **Disconnect**

■ End

Ftp/Sftp: Connect

Server name

> 127.0.0.1   (x)

e.g ftp.myftp.com

Port

> # 21   (x)

Server type

FTP   FTP Secure   Secure FTP

Authentication type

Anonymous   Username & Password

Username

Credential   Variable   Insecure string

> monisa   (x)

Password

Credential   Variable   Insecure string

> abc   (x)

Transfer mode

◉ Passive

○ Active

Transfer type

○ Binary

◉ ASCII

Ftp/Sftp: Create folder

Creates a folder on an FTP/SFTP server

Required bot agent version: 20.11 or above

FTP/SFTP session

[Session name] Variable

> 🪧 FtpSession   (x)

The name you gave the session when you opened it.

Remote folder

> 🪧 NewFolder2   (x)

e.g folder1/folder2

Ftp/Sftp: Put files

Uploads one or more files from a client machine to an FTP/SFTP server

Required bot agent version: 20.11 or above

FTP/SFTP session

[Session name] Variable

> 🪧 FtpSession   (x)

The name you gave the session when you opened it.

Local files

> 🪧 D:\test\sample.txt   (x)

e.g C:/folder1/abc.txt;D:/folder2/file2.xyz;D:/folder2/ab*.txt

Transfer type

◉ Binary

○ ASCII

Ftp/Sftp: Disconnect

Terminates an active connection to the FTP/SFTP server

Required bot agent version: 20.11 or above

FTP/SFTP session

(Session name) Variable

| 𝟗𝟗 FtpSession | (x) |

The name you gave the session when you opened it.

3. Design and create a bot to automate tasks of SOAP web services to add two numbers

http://www.dneonline.com/calculator.asmx?WSDL
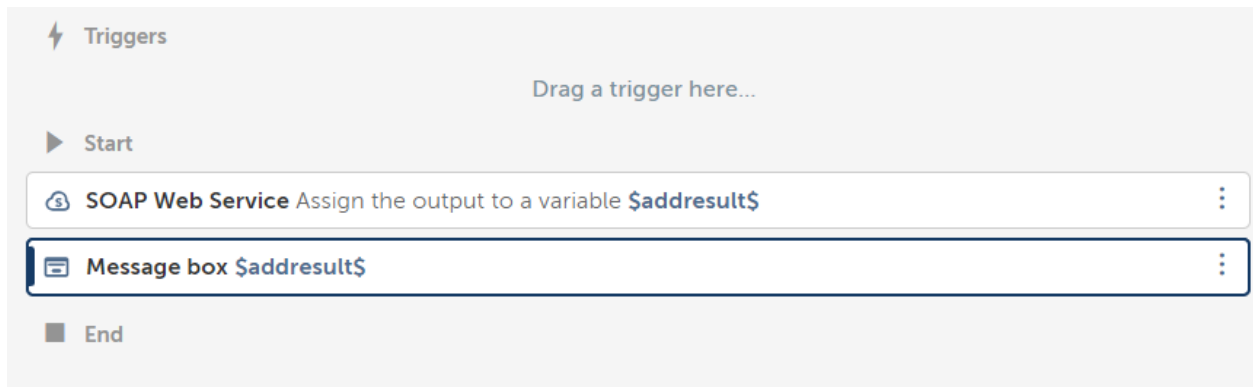
http://www.dneonline.com/calculator.asmx

Basic Algorithm:

1. Double-click or drag the SOAP Web Service command to the Task Actions List.
2. The SOAP Web Service window appears.
3. Enter a complete Uniform Resource Identifier (URI), or click Build URI to build a customized WSDL URI.
4. The Build Web Service URI window appears.
5. In the Build Web Service URI window, do the following:
6. Enter the WSDL URI.
7. You can enter the URI or insert a variable by pressing the F2 function key.
8. Click Connect.
9. After the connection is established, the Services, Port, Soap Versions, and Operations fields are auto-populated with options to select.
10. Select Services.
11. Select Port.
12. The default port is selected when you click Connect. Note that a port is not available for selection if the WSDL does not support a port.
13. Select Operations.
14. If the selected Operation has parameters, the parameters are populated in the table with their Name, Type, and Value. You can Add, Update, or Delete the parameters for a particular operation.
15. Enable the Raw Data Parameter(s) option to specify the input in XML format.
16. Default: To use the same service endpoint URI as the WSDL URI.

17. Dynamic: To use the service endpoint URI that is read dynamically from the WSDL file during task execution.
18. Static: To use the service endpoint URI that is generated at the time of creating a bot. In this case, the same service endpoint URI is used to run all the tasks. The variables are not evaluated during task execution.
19. Note: If you change the settings for an existing bot from the Default to Static service endpoint, you must Save the configurations to reload the associated WSDL and do not need to select Connect.
20. Click Save.

⚡ Triggers

Drag a trigger here...

▶ Start

ⓢ **SOAP Web Service** Assign the output to a variable **$addresult$**   ⋮

▤ **Message box $addresult$**   ⋮

■ End

SOAP Web Service

Accesses and exchanges information between two systems in XML format.

Required bot agent version: 21.90 or above

Connect to WSDL by

[URI] [File]

> http://www.dneonline.com/calculator.asmx?WSDL   (x)

e.g https://domainname.com/service/accounts?wsdl

Address location (optional)

> (x)

If specified, bot will use this address location during execution. If the address location is empty, bot will fetch the address location from the wsdl each time the bot runs.

Build SOAP request

Service

> Calculator   (x)

Port (optional)

> CalculatorSoap   (x)

If not specified, then the first port in WSDL will be picked up

SOAP version

1.1   ▼

Operation

> Add   (x)

SOAP Web Service

> Add   (x)

Parameter details

Operation   Raw data

Operation Parameters (2) (optional)

Enabled	Name	Value	
Yes	intA	12	⋮
Yes	intB	53	⋮

Add parameter

Authentication Mode

No Authentication ▼

Client certificate (optional)

Variable   Control Room file   Desktop file

Choose...

Custom headers (optional)

Enabled	Name	Value

No headers

Add header

SOAP Web Service

Output settings

Save as XML (optional)

```
" D:\rpa\addresult.xml                    (x)    Browse...
```

Required extension: ".xml"

Response Scope (optional)

[Complete response] Selected response

Wait for action to complete(in milliseconds)

```
# 60000                                          (x)
```

Increase this value if SOAP action times out

SSL configuration

Client certificate (optional)

[Variable] [Control Room file] Desktop file

```
                                            Choose...
```

Keystore properties

Keystore file (optional)

[Variable] [Control Room file] Desktop file

```
                                            Choose...
```

Keystore password (optional)

[Credential] Variable Insecure string

```
                                            Pick...
```

Assign the output to a variable

```
" addresult                                  ▼
```

Message box

Inserts a message box to show a message when the task runs

Required bot agent version: 20.11 or above

Enter the message box window title

> 99 Automation Anywhere Enterprise Client   (x)

Enter the message to display

> 99 $addresult$ (x)

Scrollbar after lines

> # 30   (x)

☐ Close message box after
    Seconds
    # Required

4. Design and create a bot to automate tasks of RESTFul web service to fetch, add JSON data from the server.

Basic Algorithm:

1. 1.Enter the URI: A unique address for an API resource.
2. Authentication Mode: There are three supported authentication modes:
3. No Authentication: Use this option to access the endpoints that do not require authentication to access their servers.
4. Basic: Basic is the simplest way to authenticate users. When you select this option, you will enter the username and password. This technique uses a header called Authorization, with a base64 encoded representation of the username and password entered.
5. Logged-in AD User: Active Directory (AD) users that are authorized to access the related API are authenticated through AD. No credentials are required in the request.
6. Windows NT LAN Manager (NTLM) Authentication (AD User): A challenge/response authentication method that allows clients to provide their username and password as encrypted credentials or plain text. We recommend that you use credentials that are stored in the Automation Anywhere Credential Vault.
7. Header: Not all methods require a header. Headers represent the metadata associated with the request.
8. Content type: When a header contains a content type, it defines the content negotiation between the client and the server. REST Web Service actions support the following content types:
9. application/x-www-form-urlencoded: Encode the parameters in the URL. JSON (application/json): Enter a JSON request body. XML (application/xml): Enter an XML request body. Text (text/plain) XML (text/xml) HTML (text/html)
10. Multipart/form-data: Send binary data, in most cases for uploading files to the server.
11. Add substitution: Allows you to enter variables in the REST request body. A variable is a symbolic representation of data, and it enables you to access a value without having to enter it

manually wherever you need it. For example, consider the following REST body request: { "Name":"{{name}}", "Email":"{{email}}", "status":"Active" }

12. In the above request body, you can replace the variables enclosed within double braces by clicking Add substitution and adding the required values.
13. Advanced options:
14. Capture failure response: Select the check box to capture the failure response except for the Success/Ok response. The failure response details are captured in the response body.
15. Allow insecure connection when using https: Select the check box to allow insecure connection when using https.
16. Wait for action to complete: You can set a time-out value when you send a REST request and receive a response. When performing actions such as POST, PUT, DELETE, PATCH, and GET, in the Wait for action to complete field, you can specify the wait time (in milliseconds). By default, the wait time is 60000 milliseconds.
17. Output variable: The response output is captured in a dictionary variable. A dictionary variable is a key-value pair. Use the response header name as key to return the header value, or "Body" as the key to return the response body.
18. Note: The response key with its value is available in the dictionary variable to display the response status of the REST API.
19. To obtain a list of the header names for the API resource, perform these steps:
20. Insert a Loop action after the REST Web Service action.
21. Select the For each key in the dictionary iterator.
22. In the Dictionary variable field, select the variable that holds the REST Web Service action output.
23. Assign the value of each key to $prompt-assignment$.
24. Insert a Log To File action.
25. Provide the file path to a text file to hold the list of header names.
26. Insert $prompt-assignment$ in the Enter text to log field.
27. Select the Overwrite existing file option.
28. Click Save.

▶ Start

1   ⓡ REST Web Services: Get method request for URI "https://reqres.in/api/users" and assign the output to a variabl... ⋮

2   ▣ Message box $userdata{Body}$ ⋮

3   ⓡ REST Web Services: Post method request for URI "https://reqres.in/api/users" and assign the output to a varia... ⋮

4   ▣ Message box $userdata{Body}$ ⋮

5   ❞ String: Extract text Source string $userdata{Body}$: Extract sub-string before ⋮

6   ▣ Message box $SampleString$ ⋮

◼ End

REST Web Services: Get method

URI

◉ Enter the URI

> https://reqres.in/api/users   (x)

e.g https://domainname.com/resource/search?
param1=value1&param2=value2

◯ Select credential as URI

[Credential Variable]

| Required | Pick... |

Authentication Mode

| No Authentication ▾ |

Header

Custom headers (optional)

Enabled	Name	Value

No headers

| Add header |

REST Web Services: Get method

No headers

Add header

Advanced options

☐ Capture failure response

☐ Allow insecure connection when using https

Warning: Transferred data may be visible to attackers

Wait for action to complete (in milliseconds)

60000 (x)

Increase this value if GET action times out

Assign the output to a variable

Multiple variables Dictionary

userdata ▼ (x)₊

Use response header name as key to fetch header value and 'Body' as key to fetch body of response

Message box

Displays a message box

Required bot agent version: 20.11 or above

Enter the message box window title

> 🙥 Automation Anywhere Enterprise Client   (x)

Enter the message to display

> 🙥 $userdata{Body}$ (x)

Scrollbar after lines

> \# 30   (x)

☐ Close message box after

Seconds

> \# Required

REST Web Services: Post method

URI

◉ Enter the URI

> https://reqres.in/api/users   (x)

e.g https://domainname.com/resource/search?
param1=value1&param2=value2

◯ Select credential as URI

[Credential Variable]

| Required | Pick... |

Authentication Mode

No Authentication ▼

Header

Custom headers (optional)

Enabled	Name	Value

No headers

Add header

REST Web Services: Post method

Content type

JSON (application/json) ▾

Custom parameters

◉ Enter the parameters

```
" {
      "name": "morpheus",
      "job": "leader"
   }                                (x)
```

○ Select credential as parameters

Credential Variable

[   ] Pick...

Advanced options

☐ Capture failure response

☐ Allow insecure connection when using https
        Warning: Transferred data may be visible to attackers

Wait for action to complete (in milliseconds)

\# 60000   (x)

Increase this value if POST action times out

Assign the output to a variable

Multiple variables Dictionary

▤ " userdata   ▾

Message box

Displays a message box

Required bot agent version: 20.11 or above

Enter the message box window title

> 99 Automation Anywhere Enterprise Client   (x)

Enter the message to display

> 99 $userdata{Body}$ (x)

Scrollbar after lines

30   (x)

☐ Close message box after

Seconds

Required

String: Extract text

Source string (optional)

> $userdata{Body}$ (x)

Get characters

○ Before

    Start after text (optional)

> ,,

    Occurrence

    # Required

● Before and/or after

    Start after text (optional)

> {"name":"   (x)

    Occurrence

    # 1   (x)

    AND   ▼

    End before text (optional)

> ","job":"   (x)

    Occurrence

    # 1   (x)

E.g. to extract $250 from "Price is $250 today" specify "Start after text" as "Price is" and "End before text" as "today" Tip: Press F2 to enter variables

String: Extract text

Occurrence

1   (x)

E.g. to extract $250 from "Price is $250 today" specify "Start after text" as "Price is" and "End before text" as "today" Tip: Press F2 to enter variables

○ After

End before text (optional)

"

Occurrence

Required

If no match found, return

● Source String

○ Empty (null) String

Number of characters to get

● All

○ Only

Required

☑ Trim the extracted text (remove blank spaces)

☑ Remove Enter from the extracted text

Assign the output to variable

" SampleString   ▼   (x)₊

Message box

Displays a message box

Required bot agent version: 20.11 or above

Enter the message box window title

> " Automation Anywhere Enterprise Client   (x)

Enter the message to display

> " $SampleString$ (x)

Scrollbar after lines

\# 30   (x)

☐ Close message box after
    Seconds
    \# Required

5. Write a bot to create public and private keys:

   A. Encrypt a text file using the public key

   B. Decrypt a text file using the private key

⚡ Triggers

                        Drag a trigger here...

▶ Start

   PGP: **Create keys** ; public key at "**D:\rpa\keys\public.txt**" and private key at "**D:\rpa\keys\private.txt**"   ⋮

   PGP: **Encrypt files** from "**D:\rpa\log.txt**" using Public key file and save the encrypted files at "**D:\rpa\logencrypt**...   ⋮

   PGP: **Decrypt files** from "**D:\rpa\logencrypted.txt**" using Private key file and save the decrypted files at "**D:\rpa**...   ⋮

■ End

PGP: Create keys

Creates a pair of public and private encryption keys

Required bot agent version: 21.88 or above

Location to save public key file

> D:\rpa\keys\public.txt   (x)   Browse...

Location to save private key file

> D:\rpa\keys\private.txt   (x)   Browse...

Select key size

1024   ▼

Password to protect private key file (optional)

Credential   Variable   Insecure string

encryption_locker, encryption, password   ✕   Pick...

☑ Overwrite files with the same file name

PGP: Encrypt files

Credential Variable Insecure string

Required   Pick...

◉ Public key file

Variable Control Room file Desktop file

99 D:\rpa\keys\public.txt   (x)   Browse...

Encryption algorithm

AES256   ▼

Source folder/file(s)

99 D:\rpa\log.txt   (x)   Browse...

Destination folder/file(s)

99 D:\rpa\logencrypted.txt   (x)   Browse...

☐ Add file extension

Extension name (optional)

99

☑ Overwrite files with the same name

Compression type

◉ None

◯ zip

◯ bzip2

◯ zlib

☑ Armor data (text output)

24°C Smoke   11:58 AM

PGP: Decrypt files

Retrieves the contents of encrypted files and folders

Required bot agent version: 21.88 or above

Encryption type

○ Passphrase

   (Credential) Variable   Insecure string

   | Required | Pick... |

● Private key file

   Variable   Control Room file   (Desktop file)

   | 99 D:\rpa\keys\private.txt | (x) | Browse... |

   Password to protect private key file (optional)

   (Credential) Variable   Insecure string

   | encryption_locker, encryption, password | ✕ | Pick... |

Source folder/file(s)

| 99 D:\rpa\logencrypted.txt | (x) | Browse... |

Destination folder/file(s)

| 99 D:\rpa\logdecrypted.txt | (x) | Browse... |

☑ Overwrite files with the same file name

☐ Remove file extension
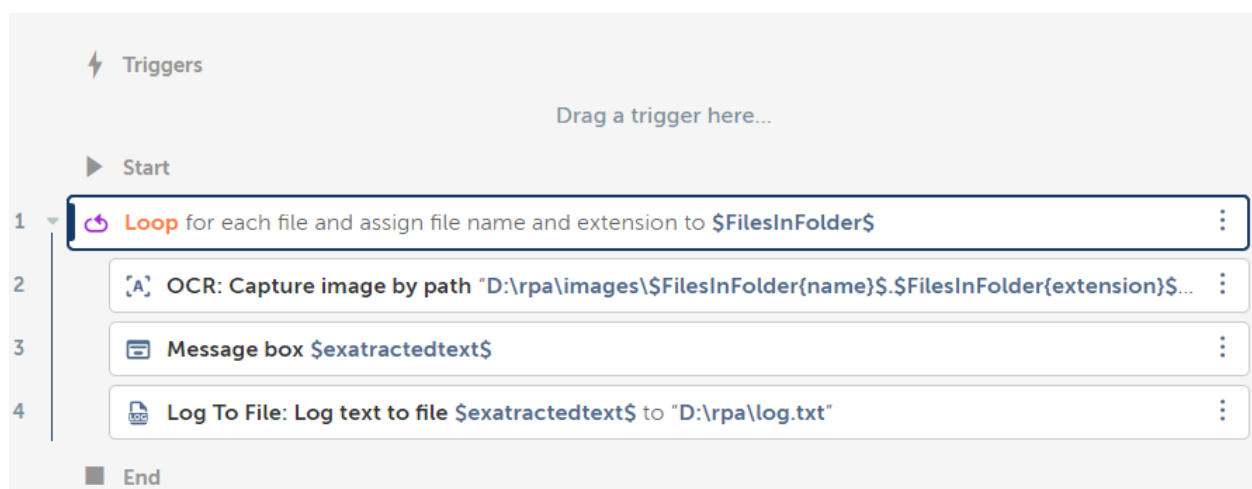
   Extension name (optional)

   | 99 |

6. Design and create a bot to extract text from images using OCR. and log the text in a log file.

Basic Algorithm:

1. Expand the OCR node in the Commands tab.
2. The system displays the following operations:

3. Capture Window: Capture an entire window as an image.
4. Capture Area: Capture a specific area of an application window.
5. Capture Image by Path: Specify the path of the image that contains the text you want to extract.
6. Capture Image by URL: Specify the URL of the image.
7. Double-click or drag the operations.
8. The system displays the OCR dialog box.
9. Based on the sub-command you have selected, perform any of the following action:
10. Capture Window: Select the application window you want to capture from the list.
11. Capture Area:
12. Select the application window in which you want to specify the area to be captured.
13. The system displays the Capture Area option.
14. Click Capture Area to capture area of the selected application window.
15. Capture Image By Path: Specify the location of the image you want to use.
16. Capture Image By URL: Specify the URL of the image you want to use.
17. Select an OCR engine you want to use from the OCR Engine list
18. Click Advanced Settings.
19. The system displays options to specify the threshold of the image.
20. Select the Enable image pre-processing option if you want the system to adjust gray-scale and contrasts in the captured images
21. Or, clear the Enable image pre-processing option and use the Threshold slider to set the threshold value.
22. Click View Captured Text, to view the effect of threshold on the captured image.
23. Note: The system does not display captured images for preview in the Image Preview section if you have captured images in the Secure Recording mode.
24. Select the Filter the capture text option, to filter the captured text.
25. The system displays the Before and After fields.
26. Specify the text you want to filter out before and after the required text in the Before and After fields respectively.
27. Select the Trim the captured text option to trim the extra spaces in the captured text.
28. Select a variable from the Assign the value to an existing variable list, to assign the captured text to the variable, and then click Save.
29. **Click Save.**

Loop

Label (optional)

⚓

Loop Type

⦿ Iterator

Iterator

File
For each file in folder ▾

Iterator for each file in folder.

Folder path

❞ D:\rpa\images (x)

Assign file name and extension to this variable

Multiple variables | Dictionary

❞ FilesInFolder ▾ (x)₊

Note: Access the 'name' key to access file name and 'extension' key to access the file extension.

○ While

Condition

∨ Condition ↑ ↓ ⋮

▾

Add condition | Add group

OCR: Capture image by path

Extracts text from an image on a device or a folder in the Control Room. The extracted text can assigned as a variable.

Required bot agent version: 21.118 or above

Image path

Variable   Control Room file   Desktop file

> D:\rpa\images\$FilesInFolder{name}$.$FilesInFolder{extension}$ (x)   Browse...

Required extensions: ".jpg", ".jpeg", ".bmp", ".gif", ".png"

☐ Filter the captured text

Before (optional)

> 99

After (optional)

> 99

☐ Trim the captured text

☐ Load Profile(Please note, it will load locale based on ABBYY profile)

Variable   Control Room file   Desktop file

> Required   Choose...

Select locale

Based on Locale   ▼

Assign value to variable

> 99 exatractedtext   ▼   (x)

Message box

Inserts a message box to show a message when the task runs

Required bot agent version: 20.11 or above

Enter the message box window title

> Automation Anywhere Enterprise Client   (x)

Enter the message to display

> $exatractedtext$ (x)

Scrollbar after lines

\# 30   (x)

☐ Close message box after

   Seconds

   \# Required

Log To File: Log text to file

Creates a log file with data about events that occur when a TaskBot runs

Required bot agent version: 20.11 or above

File path

> D:\rpa\log.txt   (x)   Browse...

Enter text to log

> $exatractedtext$ (x)

☑ Append timestamp

When logging

⦿ Append to existing log file

◯ Overwrite existing log file

Encoding

ANSI   ▼

7. Design and create a bot to fetch the subject scores of students in Excel and display its addition.

Bot Basic Algorithm:

1. Double-click or drag the Open action from the Excel advanced package in the Actions palette.
2. Select from where you want to open the Microsoft Excel spreadsheet:
3. Control Room file: Enables you to open a file from the Control Room.
4. Desktop file: Enables you to open a file from the device. This field also accepts the file path input as a string variable or global value.
5. Variable: Enables you to open a file by specifying a file variable.
6. Select the Sheet contains a header check box if the Microsoft Excel spreadsheet contains a header row.
7. Select the Specific sheet name option and specify the name of the sheet to activate when the Microsoft Excel spreadsheet opens.
8. Select Read-only mode or Read-write mode to open the Microsoft Excel spreadsheet in read-only or edit mode respectively.
9. Select the Password is required check box if a password is required to open or edit the Microsoft Excel spreadsheet.
10. Select the Load Add-ins check box if you want to load the add-ins available in the Microsoft Excel spreadsheet.
11. Select the Exclude hidden sheets check box if you want to ignore the excel sheets that are hidden and do not want to perform any operation on those hidden sheets.
12. Select any of the following tabs to create an Excel session:
13. Local session: Specify a session name that can be used only in the current bot.
14. Global session: Specify a session name that can be used across multiple bots, such as parent bots, child bots, and other child bots of the parent bots.
15. You can also use the Global session option to loop through each row in an Excel advanced worksheet.
16. You can also close the session from the child bot when you are using the Global session option and sharing the session across child bots.
17. Variable: Specify a session variable that can be used to share that session with other child bots.
18. Click Save.

Drag a trigger here...

▶ Start

1	📊 **Excel basic: Open** spreadsheet as a Read-write mode	⋮
2	📊 **Excel basic: Go to cell** : Go to the Specific cell "**G2**"	⋮
3 ▾	🔄 **Loop** : For each row in worksheet and assign to **$ExcelRow$**	⋮
4	# **Number: Assign** "**$ExcelRow[1]$+$ExcelRow[2]$+$ExcelRow[3]$+$ExcelRow[4]$+$ExcelR...**" ...	⋮
5	# **Number: To string** convert **$totalmarks$** to a string datatype and assign output to **$SampleStri...**	⋮
6	▭ **Message box** "Total Marks :$SampleString$"	⋮
7	📊 **Excel basic: Set cell** : Set value of Active cell to **$SampleString$**	⋮
8	📊 **Excel basic: Go to cell** : Go to One cell below of the current cell	⋮
9	# **Number: Assign 0** to **$totalmarks$**	⋮
10	📊 **Excel basic: Close**	⋮

■ End

Excel basic: Open

File path

Variable   Control Room file   **Desktop file**

> 99   C:\Users\pooja kamble\Desktop   (x)   Browse

Required extension: ".xlsx"

e.g. C:\Working\Excel1.xlsx

☐ Sheet contains a header

☐ Specific sheet name

> 99   Required

e.g. Sheet1 or SHEET1

Open in

○ Read-only mode

◉ Read-write mode

☐ Password is required

To open

Credential   Variable   Insecure string

Required   Pick

Create Excel session

Local session   Global session   Variable

Local session name can only be used in this bot.

> 99   Default

Loop

Loop Type

🔘 Iterator

Iterator

Excel basic ▼
For each row in worksheet

Iterator for each row in Excel. Output(s) will be assigned to a record variable

Loop through

| Specific rows | ▼ |

From row

| # 2 | (x) |

e.g. 1

to row

| # 6 | (x) |

e.g. 10

Session name

(Session name) Variable

| 🙲 Default | (x) |

The name you gave the session when you opened it.

Assign the current value to this variable

Multiple variables (Record)

| 🖽 ExcelRow | ▼ | (x) |

Number: Assign

Enables you to assign a specified number or result of an expression to a user-defined number variable

Required bot agent version: 20.18 or above

Select the source number variable/ value

$ExcelRow[1]$+$ExcelRow[2]$+$ExcelRow[3]$

◄ ▶ (x)

Specify value to assign to number

Select the destination number variable

totalmarks ▼ (x)₊

Number: To string

Converts a user-specified number to a string

Required bot agent version: 20.18 or above

Enter a number

$totalmarks$ (x)

Specify number to convert to string e.g. 35

Enter number of digits after decimal (number format)

0 (x)

e.g for number 35.265, enter the number of digits after decimal as 3

Assign the output to variable

" SampleString ▼ (x)₊

Message box

Inserts a message box to show a message when the task runs

Required bot agent version: 20.11 or above

Enter the message box window title

> Automation Anywhere Enterprise Client (x)

Enter the message to display

> Total Marks :$SampleString$ (x)

Scrollbar after lines

30 (x)

☐ Close message box after

Seconds

Required

Excel basic: Set cell

Sets the value you have specified in a cell in a Microsoft Excel spreadsheet.

Required bot agent version: 21.112 or above

Use

○ Active cell

○ Specific cell

> Required

e.g., A5 or B10

Value to set

> $SampleString$ (x)

e.g., Original

Session name

Session name   Variable

> Default   (x)

The name you gave the session when you opened it.

Excel basic: Go to cell

Selects a specific cell in a Microsoft Excel spreadsheet.

Required bot agent version: 21.112 or above

Cell option

○ Specific cell

> 99 Required

e.g. A1

⦿ Active cell

One cell below ▼

Session name

(Session name) Variable

> 99 Default (x)

The name you gave the session when you opened it.

Number: Assign

Enables you to assign a specified number or result of an expression to a user-defined number variable

Required bot agent version: 20.18 or above

Select the source number variable/ value

0 (x)

Specify value to assign to number

Select the destination number variable

totalmarks ▼ (x)+

Excel basic: Close

Closes an Excel spreadsheet and save changes when closing the file.

Required bot agent version: 21.112 or above

☑ Save changes when closing file

Session name

[Session name | Variable]

| 🗩 Default | (x) |

The name you gave the session when you opened it.