AIM : Extract data from JSON file and display output in message box

OBJECTIVES :

1. To create a bot that can extract data from a JSON file and display the output inside message box

TOOLS USED : Automation Anywhere

Problem Statement :

1. Automate the task of extracting data from JSON file and display output in message box.

Controls used :

1. REST Web Services: Post Method

REST Web Services: Post Method action is used to send requests to and receive responses from an API.

2. String: Extract Text

String: Extract Text action is used to extract text from the specific location in the statement, by giving before or after string value.

3. Message Box

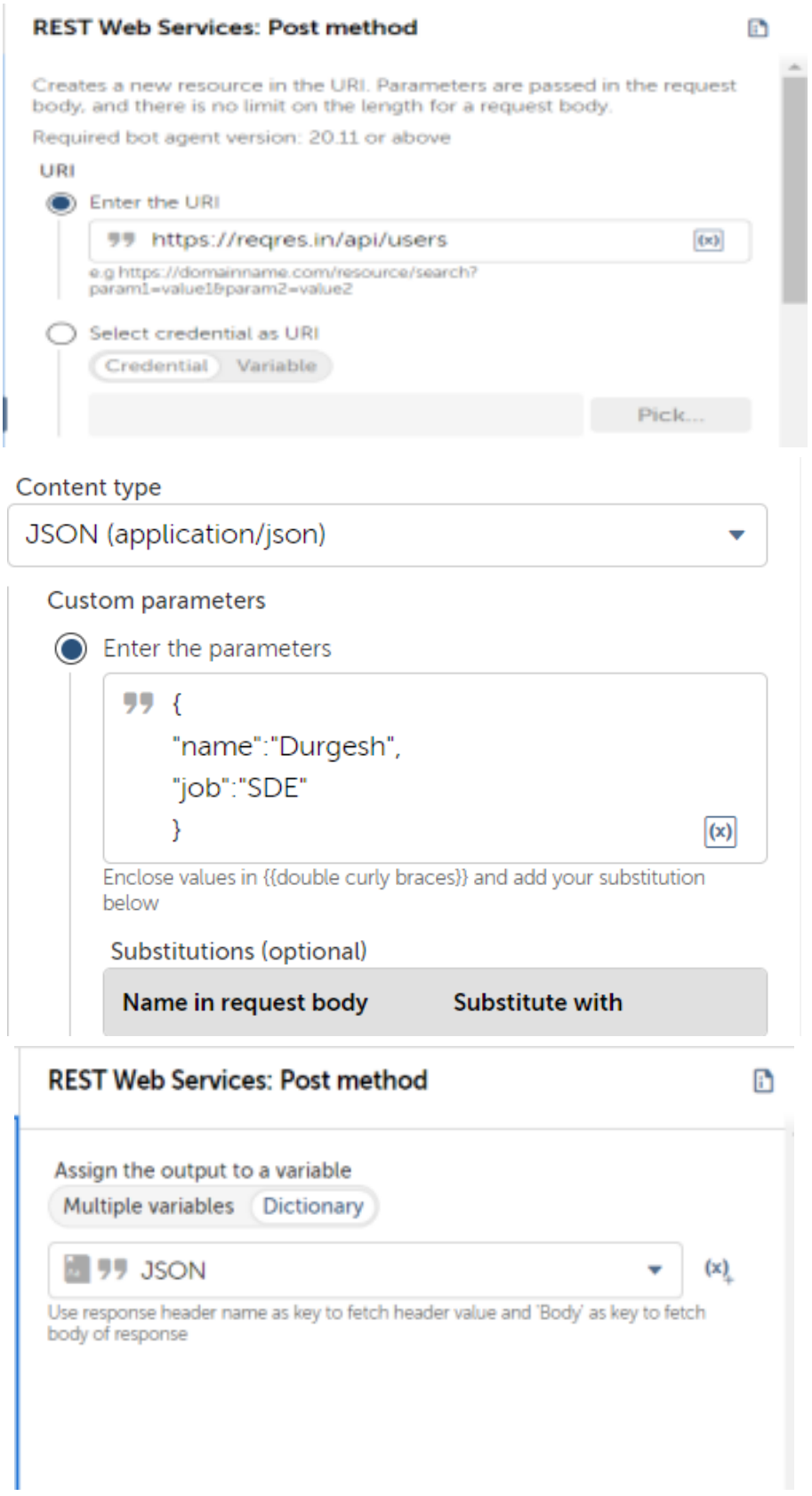
Message Box action is used to display the output to the user.

Solution:

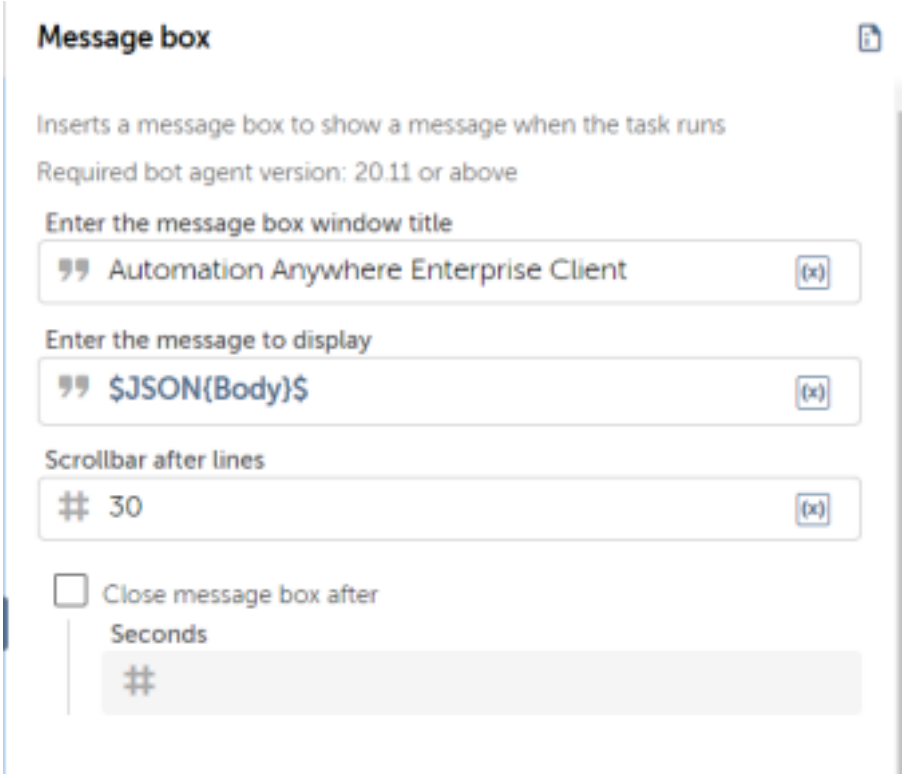
Steps to create and execute bot to achieve above task:

Step 1: Create a new bot by clicking on Home page of Automation Anywhere, Click on Create bot option. Give the bot name and click on “Create and edit”.

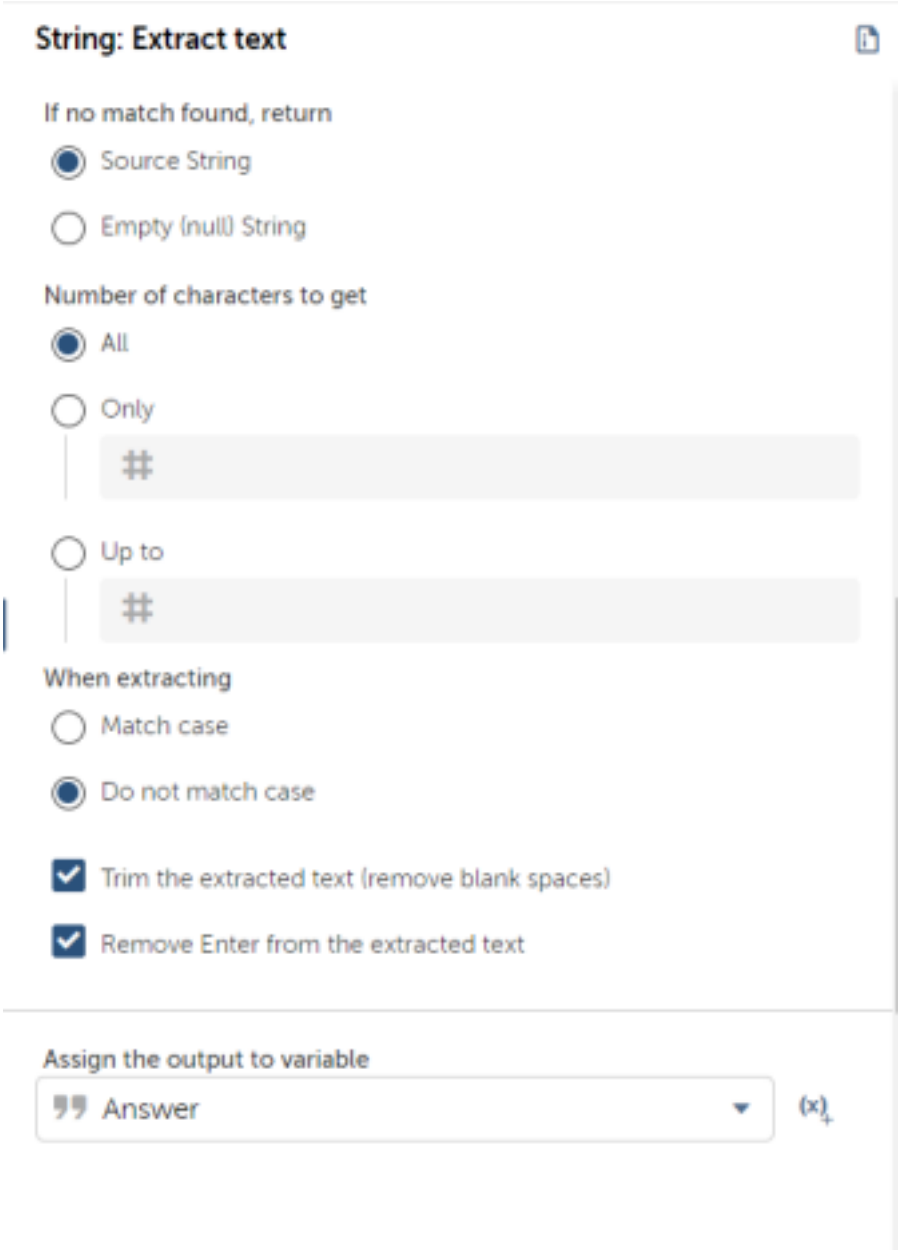
Step 2: Add a **REST Web Services: Post method** control, enter the URL, in content type add the custom parameters and assign the output to a variable **JSON**



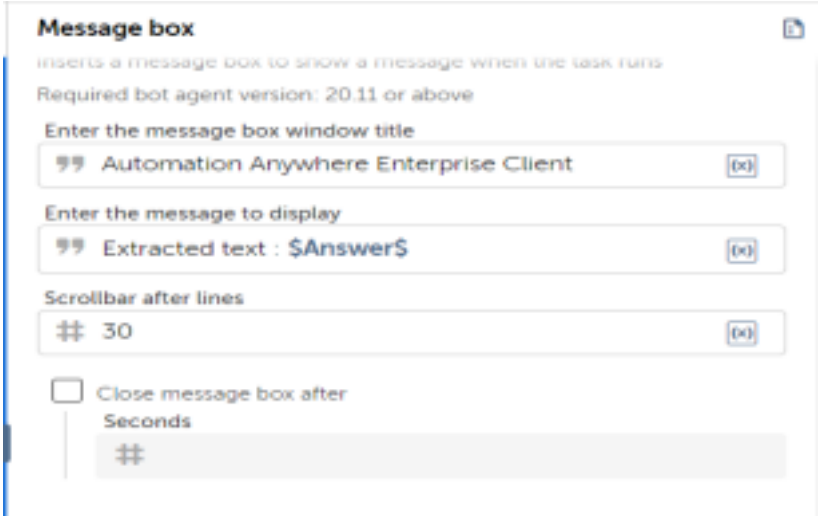
Step 3: Add a **Message Box** control to display the output variable created



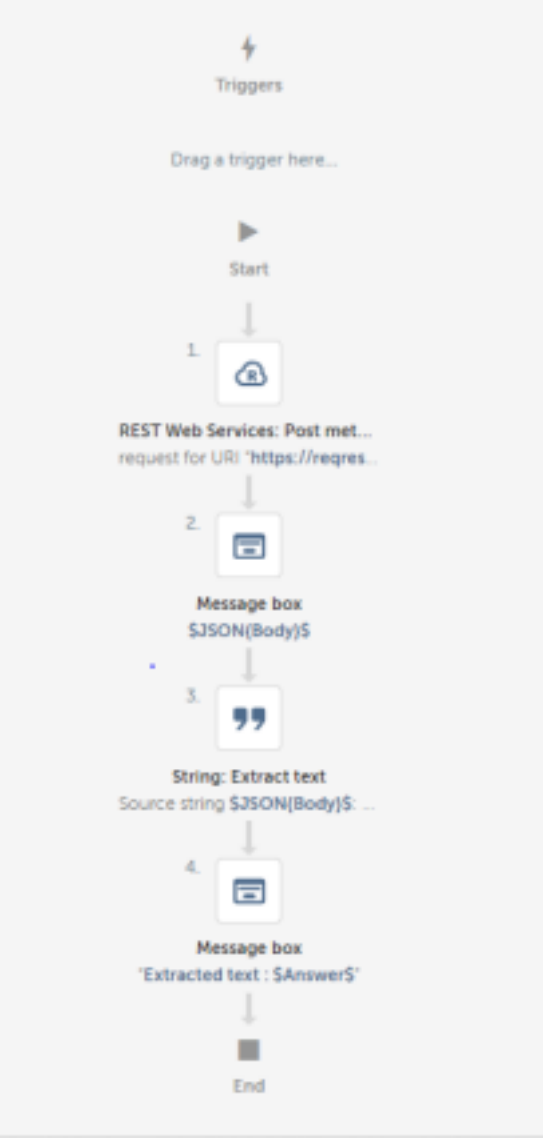
Step 4 : Add a **String: Extract text** control and configure according to the below screenshots



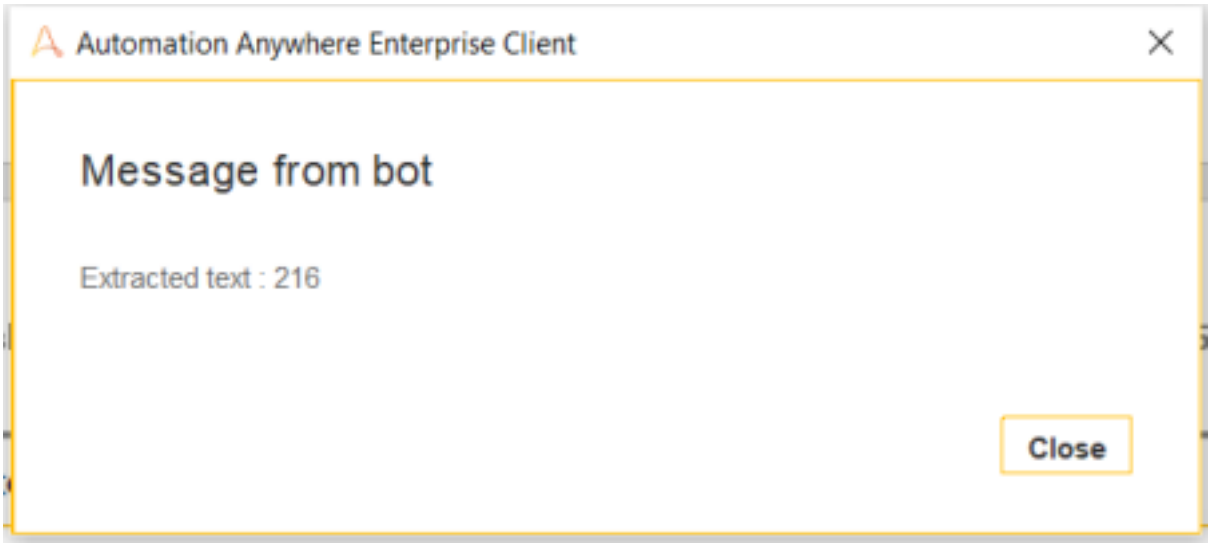
Step 5 : Add a **Message Box** control to display the extracted text



This is how the final flow should look like


Triggers
Drag a trigger here...
Start
1.
REST Web Services: Post met...
request for URI 'https://reqres...
2.
Message box
$JSON(Body)$
3.
String: Extract text
Source string $JSON(Body)$: ...
4.
Message box
'Extracted text : $Answer$'
End

Click on RUN



Observation:

Through this experiment, I learned how to use Automation Anywhere to create a bot that deals with JSON files. I used the REST Web Services action to communicate with an external service, extracted data from the response using the Extract Text action, and displayed it in a message box for the user. This exercise showed me how Automation Anywhere can interact with different data formats and external services, making automation tasks more versatile and efficient.