www.edureka.co/robotic-process-automation-training

Module 4: User Events, Recorder and Scraping
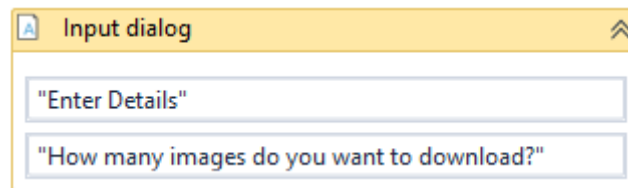
Demo 3 – Solution

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Demo 3

> Create an Automation Project that does the following:

1. Asks the user to enter the number of images he wants

2. Go to the Brainy Quote website using the following link:

    https://www.brainyquote.com/quotes/quotes/a/alberteins106912.html

3. Select the image you want to take the screenshot of and save it into a specified folder

4. Configure Selectors in such a way that it automatically identifies the image in the next page > takes its screenshot > save it into the specified folder > go to the next page

5. This process should be repeated till the required number of images are saved
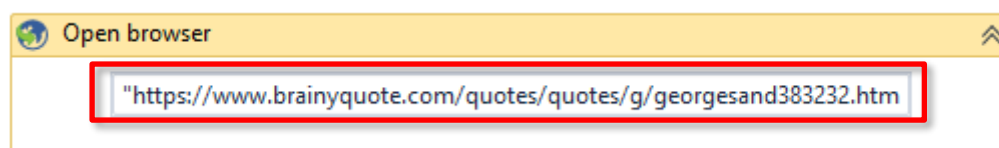
Demo 3 – Solution

➢ Step 1: Create a **blank project** and, on the **Design** tab, in the File group, select

New -> Sequence. The New Sequence Diagram window is displayed. Give a name

to the Sequence

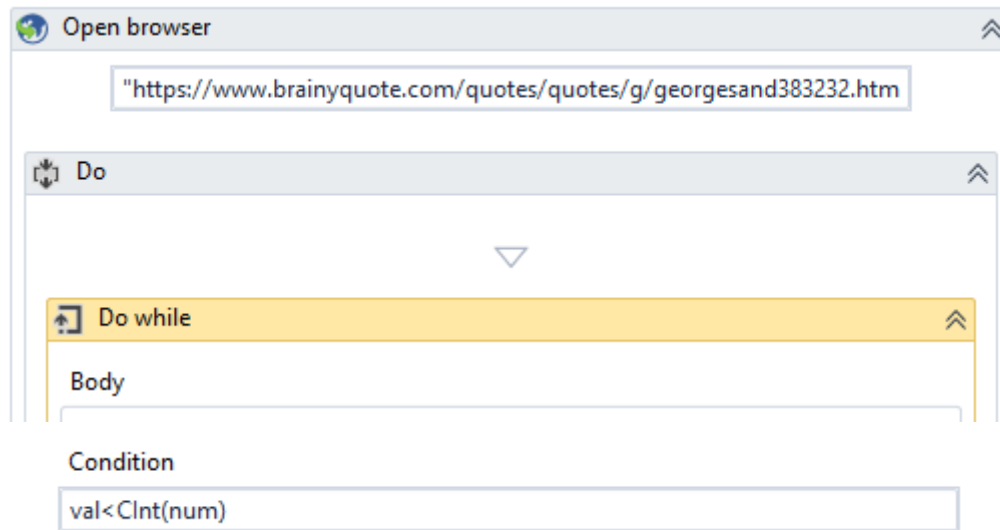➢ Step 2: Add an **Input Dialog** and create a **generic** variable, and name it **num**.

Name	Variable type	Scope	Default
num	GenericValue	Sequence	Enter a VB expression

➢ Step 3: Add an **Open Browser** Activity and enter the following URL in its URL field: https://www.brainyquote.com/quotes/quotes/g/georgesand383232.html?src=p
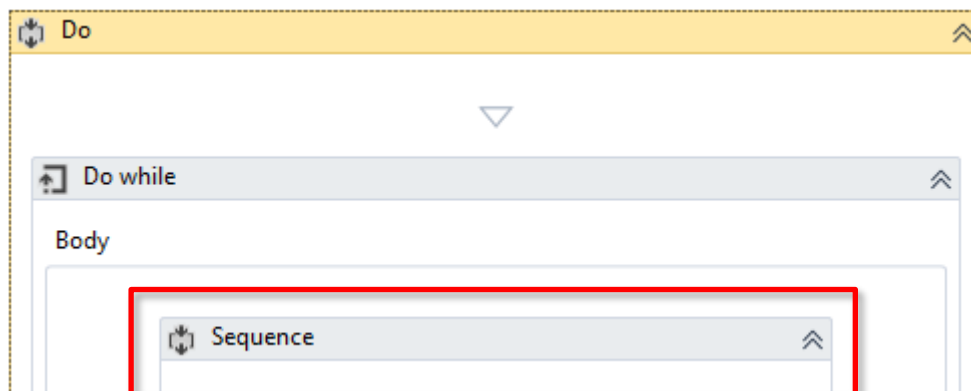
➢ **Step 4:** In the "Do" container scope, create a variable named "image" of type **Image**. In the same container, add a **Do While** activity and set its **condition** to val<CInt(num).

➢ **Step 5:** In the **Do While** activity's body, create a variable named **val** of type Int32 and add a **Sequence** Activity inside this Do While activity:

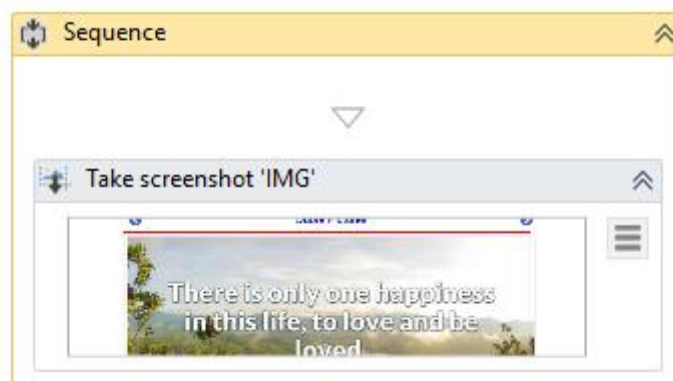| Name	Variable type	Scope	Default
val	Int32	Do while	0

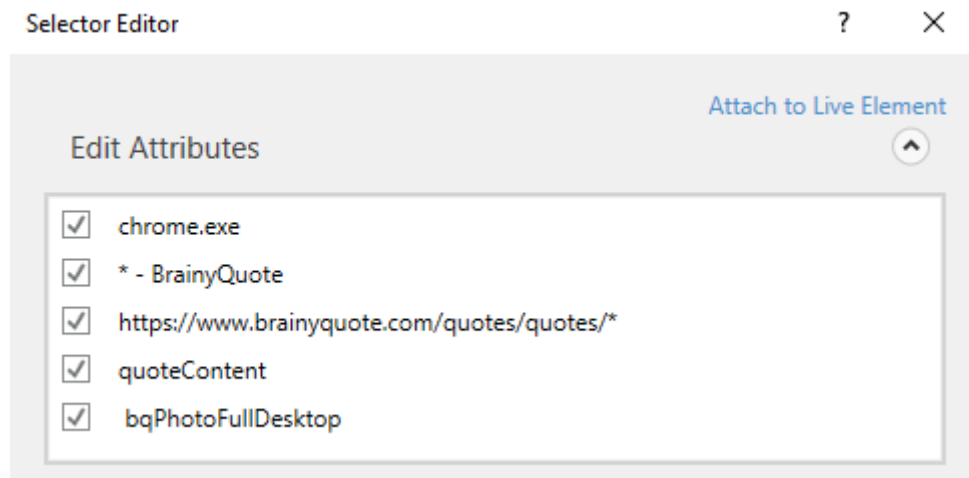➢ Step 6: In that Sequence, add **Take Screenshot** activity.

1. Click on **indicate on screen** and navigate to the URL you provided in the **Open Browser** activity and click on the image

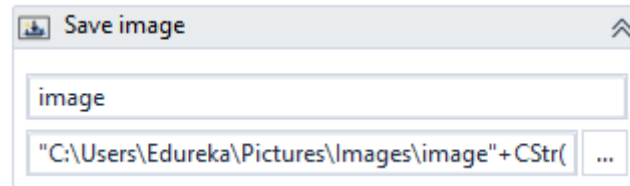2. Your sequence will look like this:

➢ **Step 7:** In the Take Screenshot Activity's Property, go to Input->Target->Selector.

Selector Editor	?	×

Attach to Live Element

Edit Attributes ⌃

- ☑ chrome.exe
- ☑ * - BrainyQuote
- ☑ https://www.brainyquote.com/quotes/quotes/*
- ☑ quoteContent
- ☑ bqPhotoFullDesktop

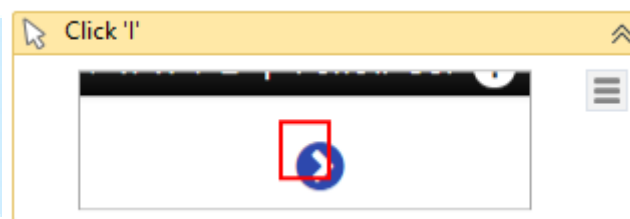In the Edit Selector, enter the following:

```
<html app='chrome.exe' title='* - BrainyQuote'
url='https://www.brainyquote.com/quotes/quotes/*' />
<webctrl parentid='quoteContent' tag='IMG' class=' bqPhotoFullDesktop' />
```
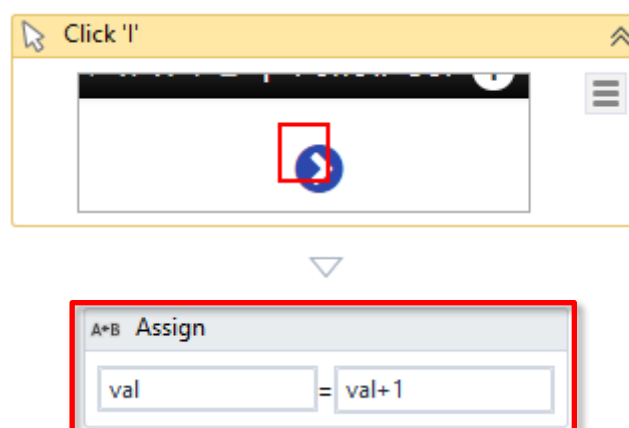
➢ Step 8: Add **Save Image** Activity after Take Screenshot Activity. Add **image** variable in the Image field and the following URL in the Text Field of the **Save Image** activity: "<path where you want to store your images>\image"+CStr(val)+".png"

➢ Step 9: Add a **Click** activity to click on the next button of the images on the website. Indicate next button on of the images on the website:
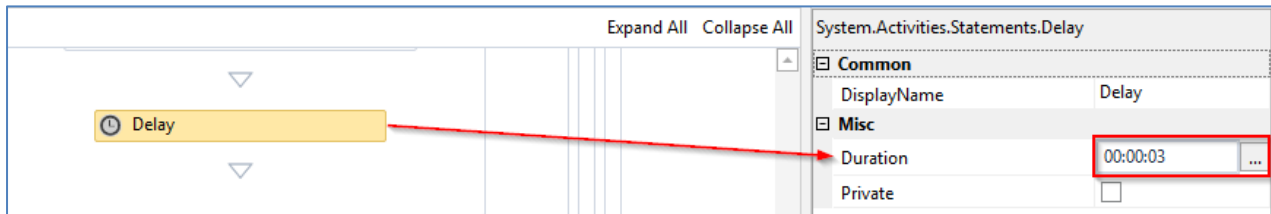

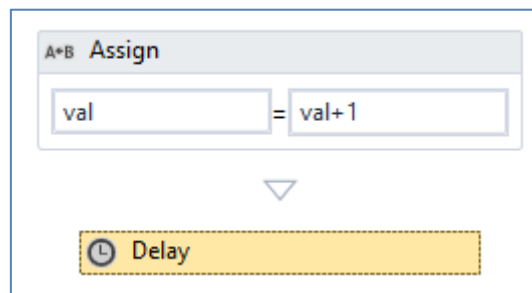➢ Step 10: Under the Click activity, add Assign activity and set val = val + 1

➢ Step 11:

1. Add a Delay activity and set the duration for 3 seconds.

2. Your sequence should look something like this

➢ Step 12: Now run the project. After running successfully, you will find all the screenshots in the specified folder.