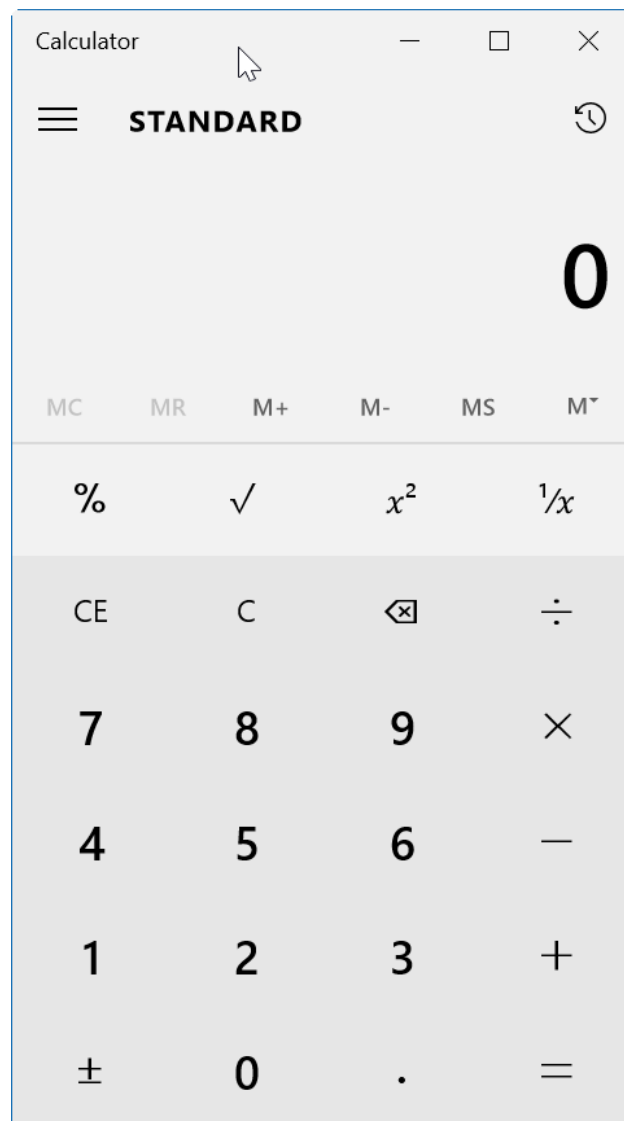


Application Testing using CukeTest

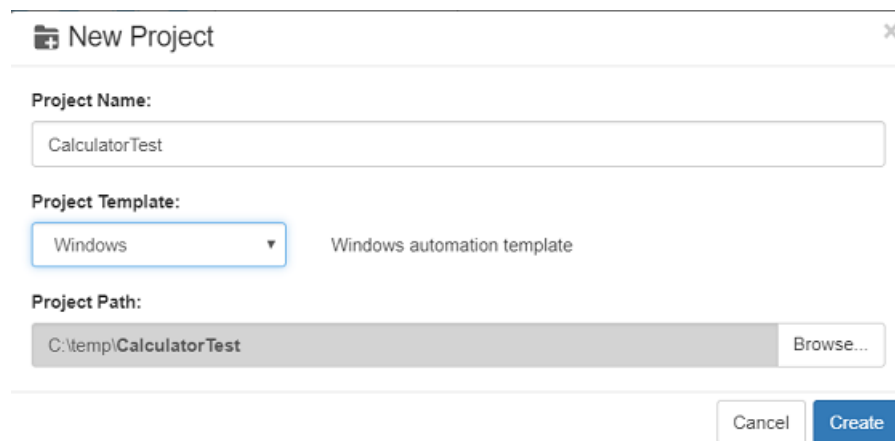
- B.Vignesh

192IT254

1) Testing inbuilt calculator application in windows 10



2) Opening CukeTest and creating a new project, with Windows template:



New Project

Project Name: CalculatorTest

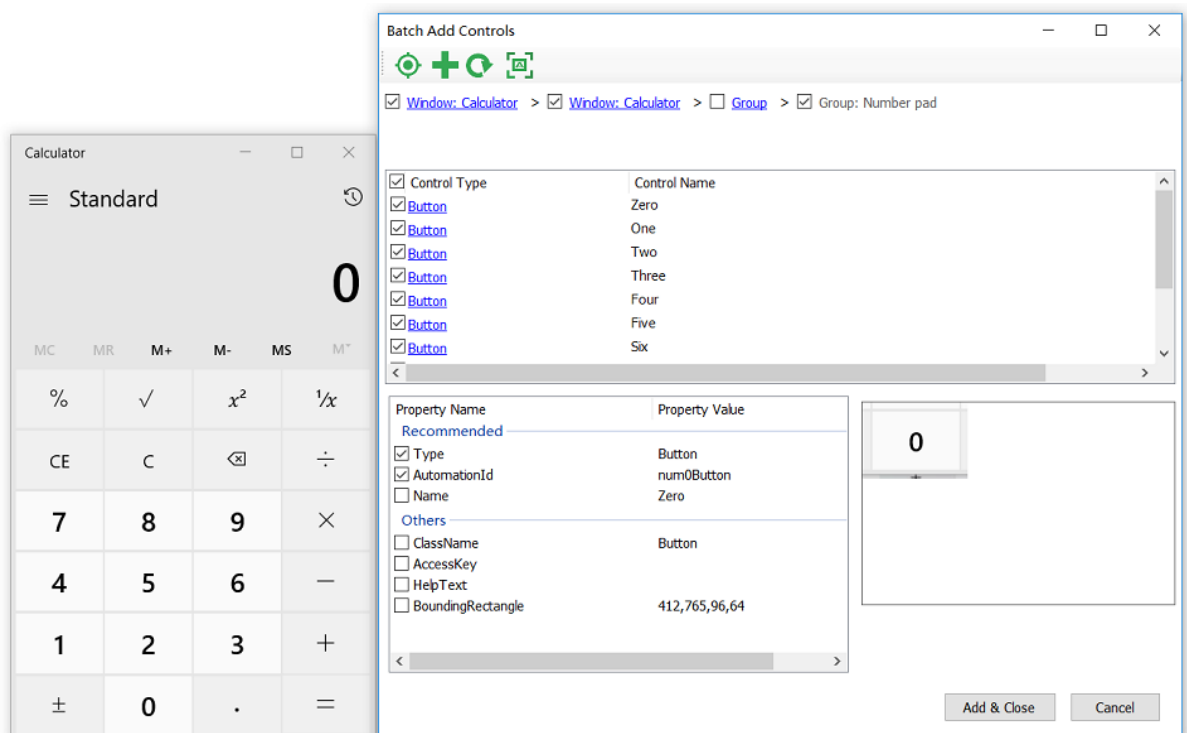
Project Template: Windows Windows automation template

Project Path: C:\temp\CalculatorTest Browse...

Cancel Create

3) Creating object model

In this project we have created "model1.tmodel" file in the project tree to open Model Manager, which is a component of CukeTest. The object model file defines the test objects that maps to the controls on application under test, and the file has extension ". tmodel". When automation testing runs, script uses the properties defined in the model file to locate the controls.



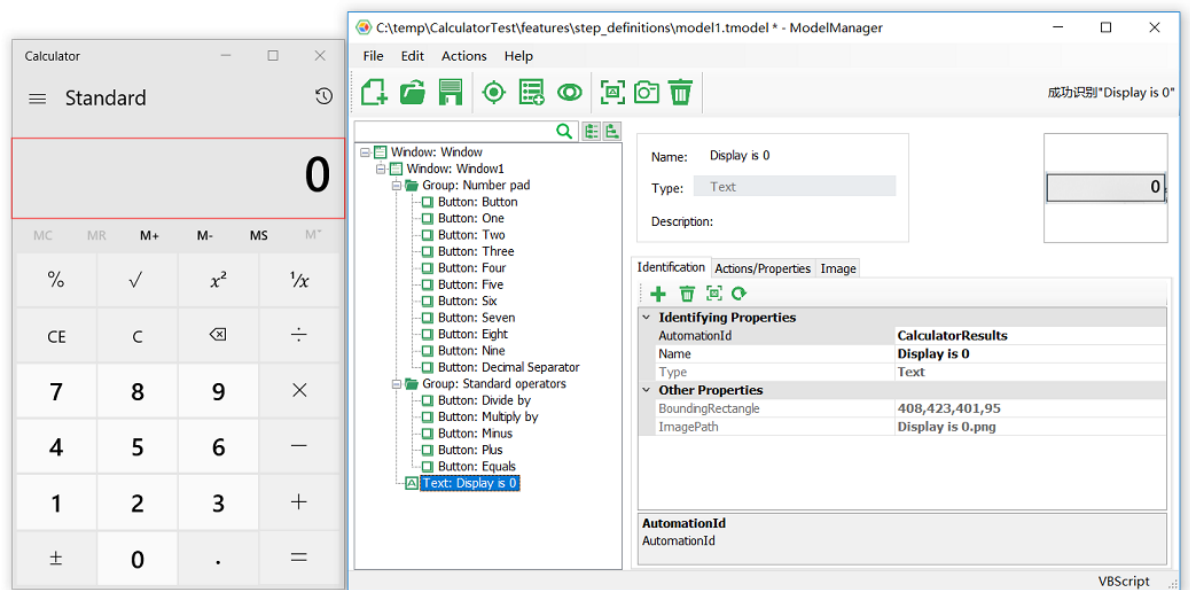
Batch Add Controls

☒ Window: Calculator > ☒ Window: Calculator > ☐ Group > ☒ Group: Number pad

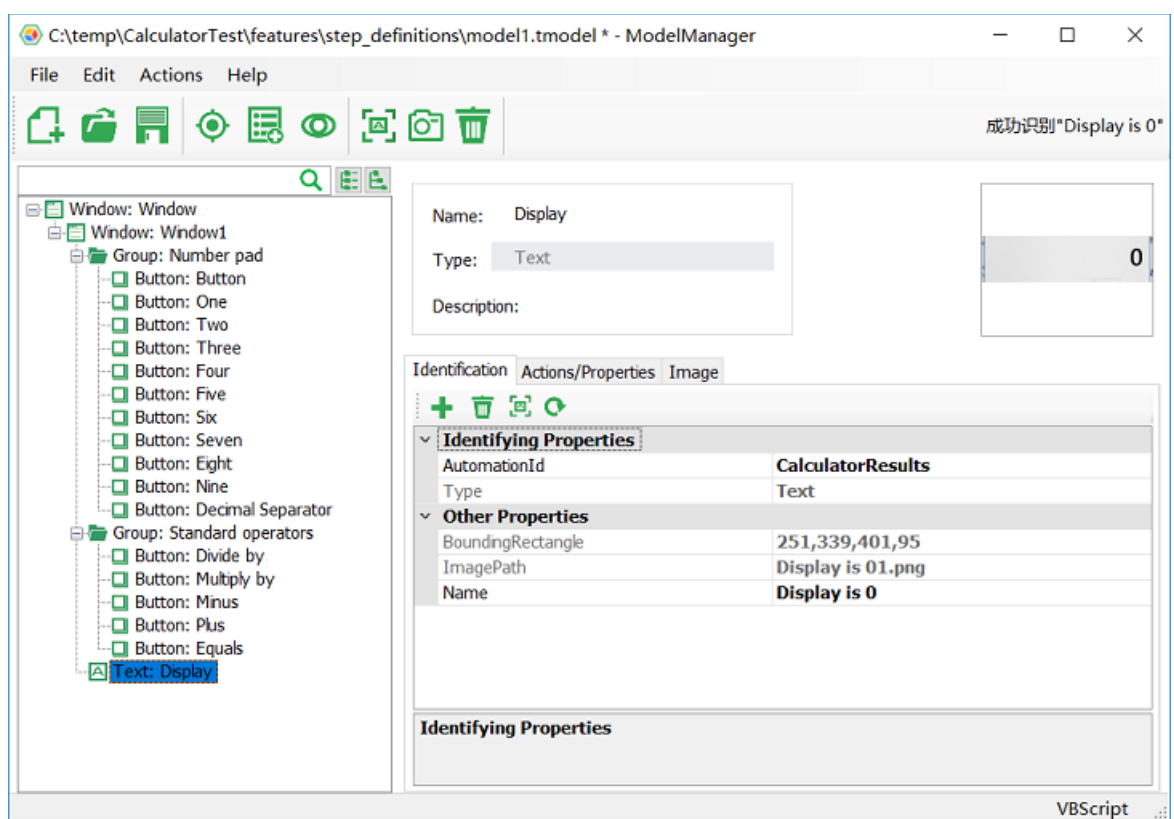
Control Type	Control Name
<input checked="" type="checkbox"/> Button	Zero
<input checked="" type="checkbox"/> Button	One
<input checked="" type="checkbox"/> Button	Two
<input checked="" type="checkbox"/> Button	Three
<input checked="" type="checkbox"/> Button	Four
<input checked="" type="checkbox"/> Button	Five
<input checked="" type="checkbox"/> Button	Six

Property Name	Property Value
Recommended	
<input checked="" type="checkbox"/> Type	Button
<input checked="" type="checkbox"/> AutomationId	num0Button
<input type="checkbox"/> Name	Zero
Others	
<input type="checkbox"/> ClassName	Button
<input type="checkbox"/> AccessKey	
<input type="checkbox"/> HelpText	
<input type="checkbox"/> BoundingRectangle	412,765,96,64

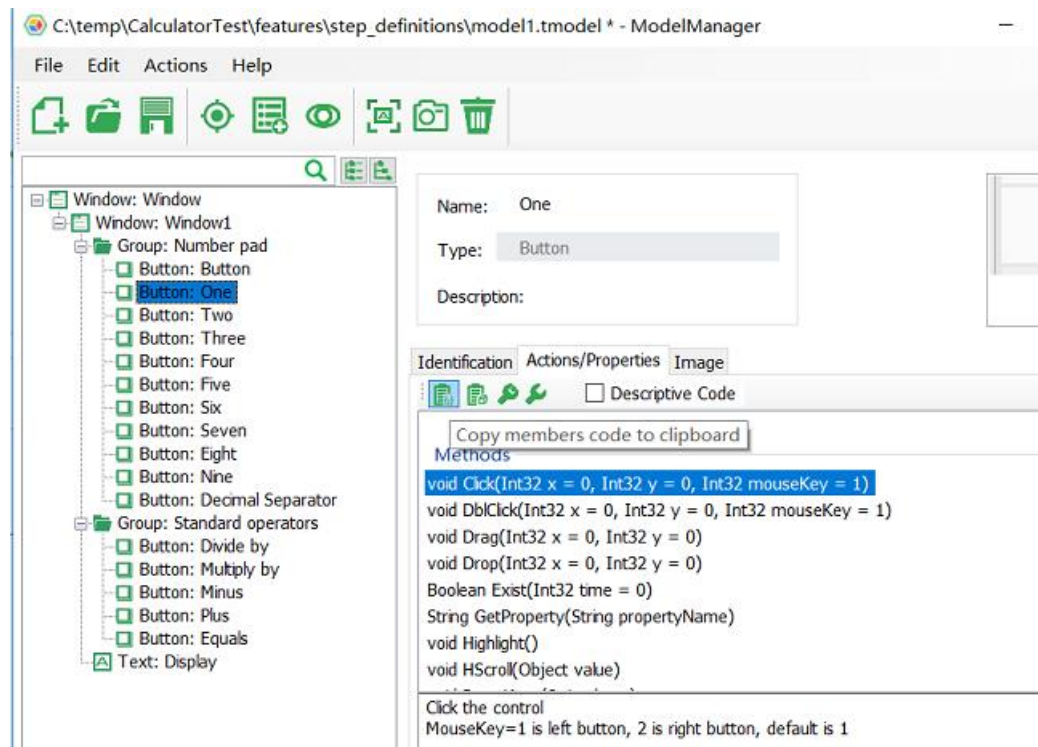
Add & Close Cancel



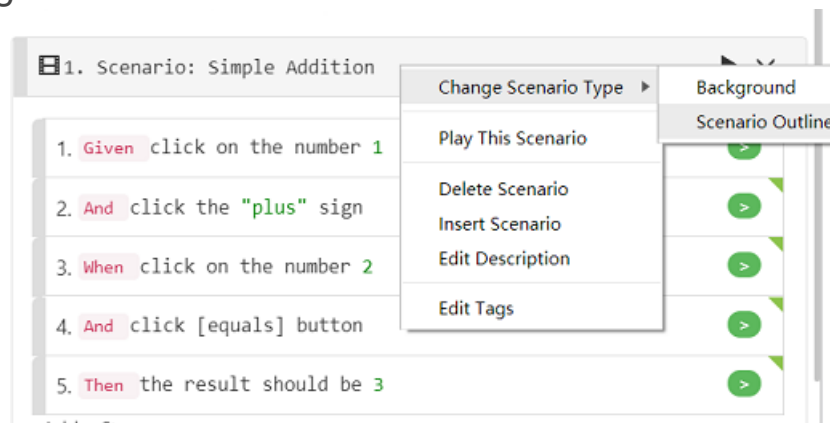
4) To ensure the object model you have created is working



5) Now implementing automation code for the step definition function stubs



6) Making the test automation data driven



7) Adding data to Example table

1. Scenario Outline: Simple Addition

1. **Given** click on the number <number1>
2. **And** click the "<operator>" sign
3. **When** click on the number <number2>
4. **And** click [equals] button
5. **Then** the result should be <result>

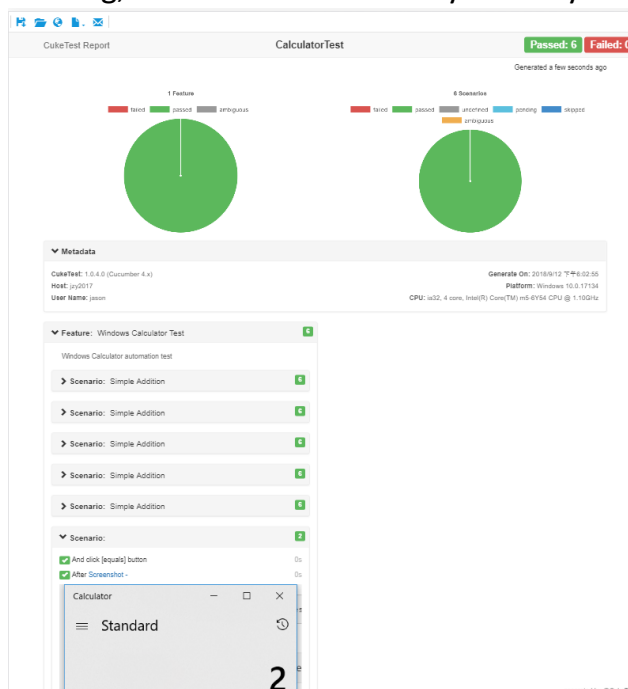
Add a Step

Examples:

number1	operator	number2	result
1	plus	2	3
9	minus	3	6
4	plus	5	9
3	multiply	6	18
8	divide	2	4

8) Test report

Click on the "Run Project" button on CukeTest to run the whole project. After running, CukeTest automatically shows you an html test report.



Tools Used

Cuke Test



Created by

- B.Vignesh
 - 192IT254
 - Information Technology
 - I year II semester(Even)
-