

Build and Release Management Lab

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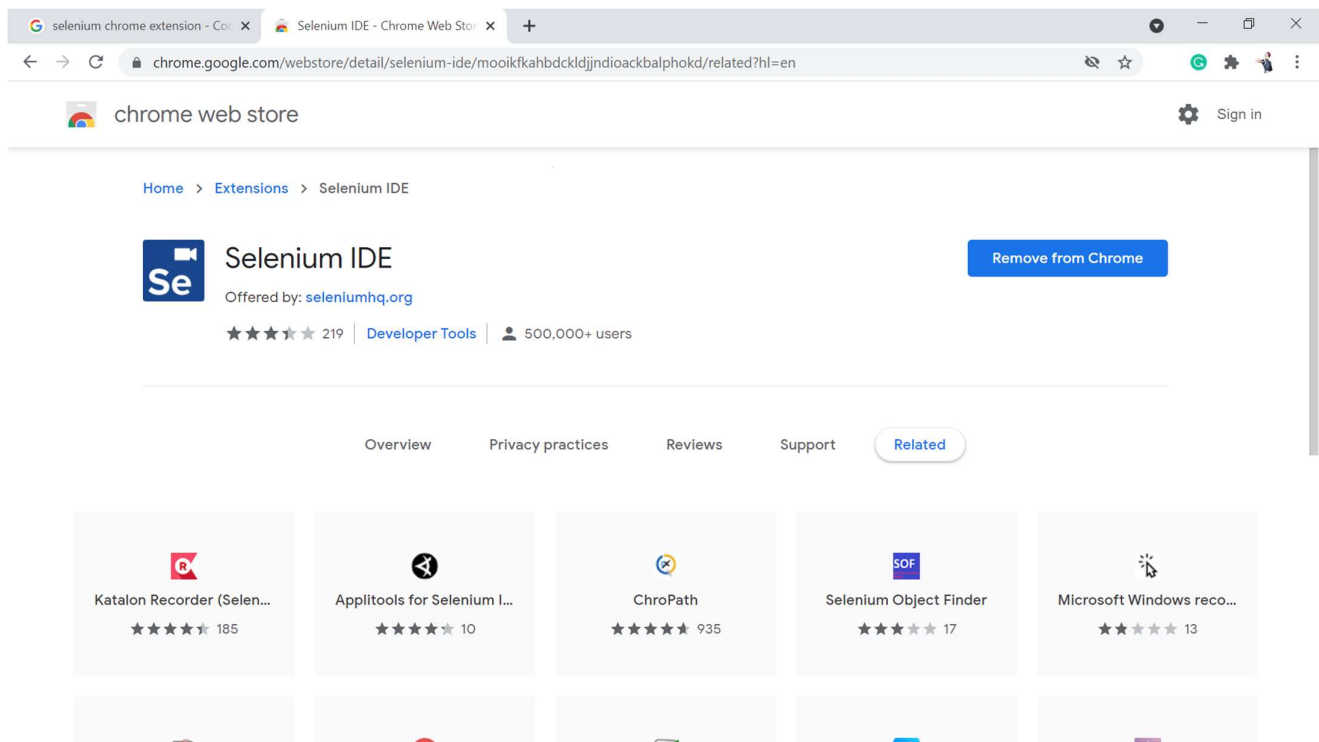
Branch: B-Tech-CSE-DevOps(B2)

Roll No: R171219026

Experiment – 9

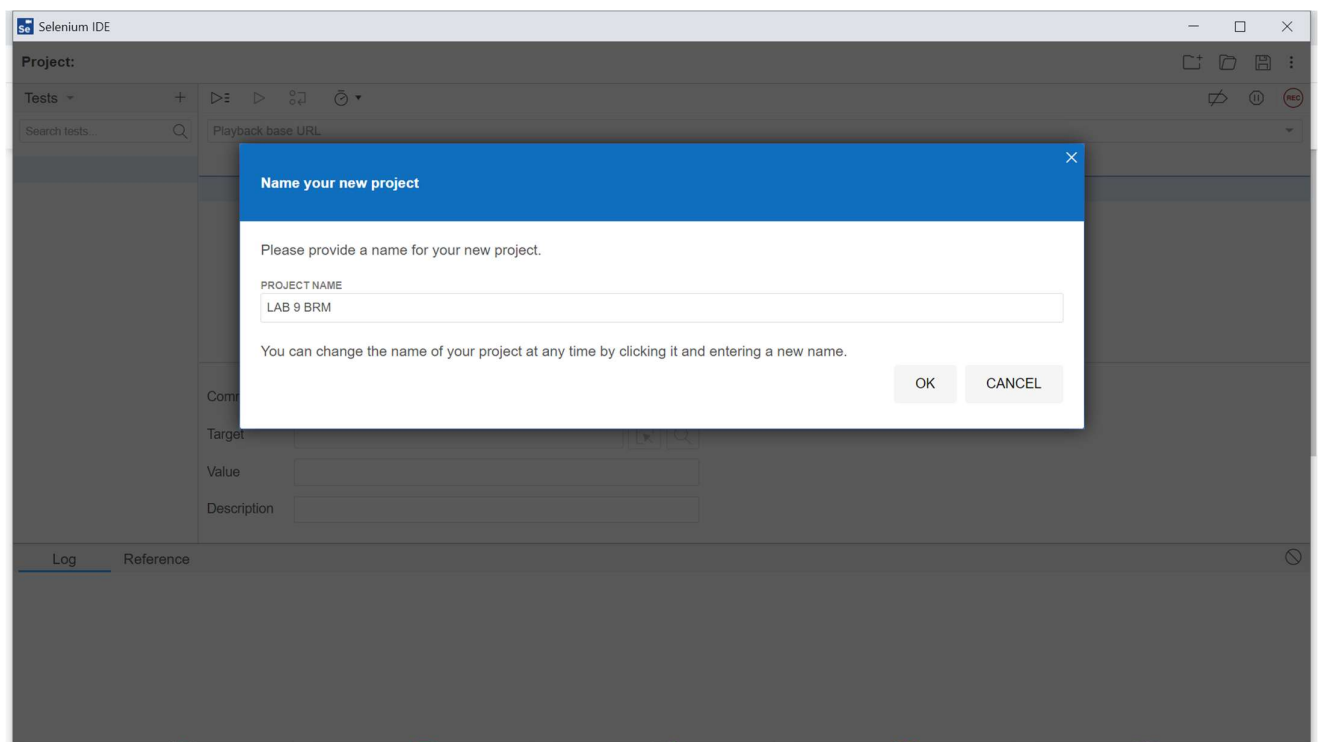
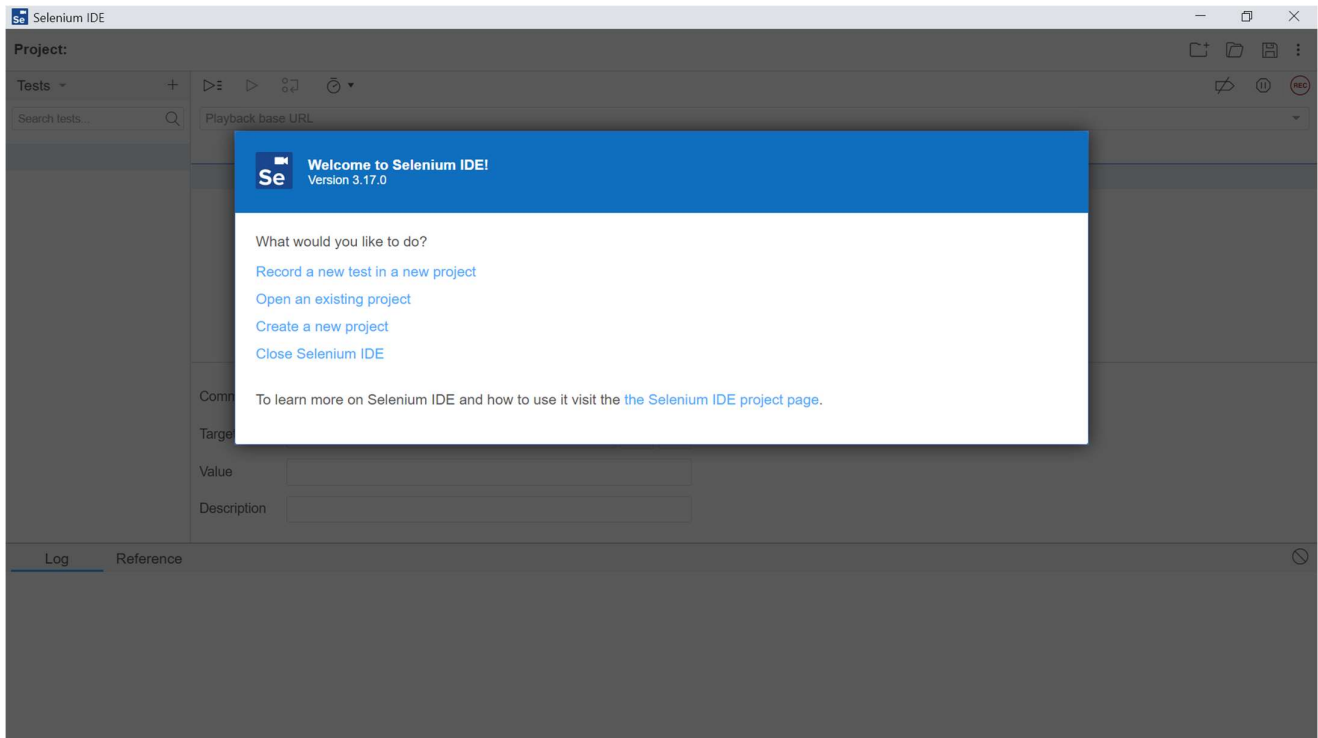
Aim: Perform automated tests using Selenium IDE for testing a web page.

Step 1: First of all add Selenium IDE Web Extension in Google Chrome

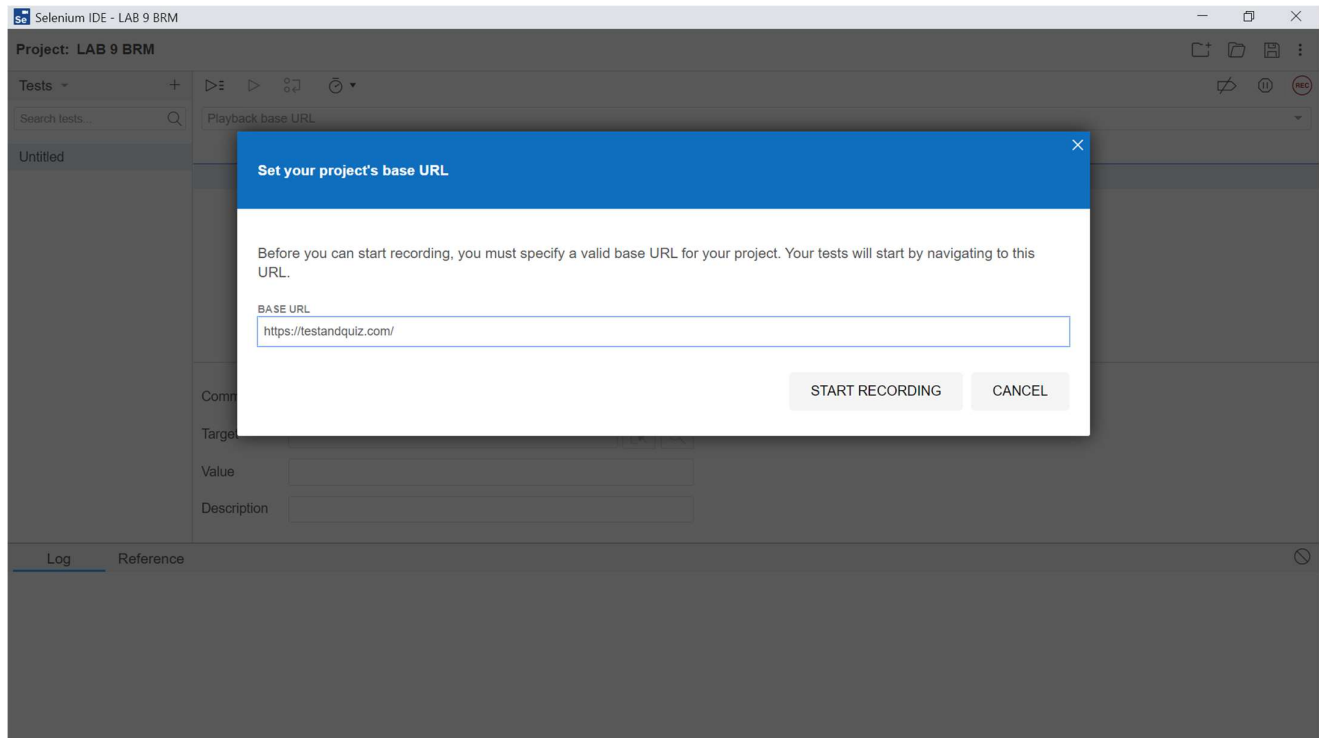


Step 2: No, sign-up into this website <https://www.testandquiz.com/> so that we can test the login process using Selenium IDE.

Step 3: After signing up, Open the Selenium IDE, the following window will pop up. Select the “Record a new test in a new project” and name your project.



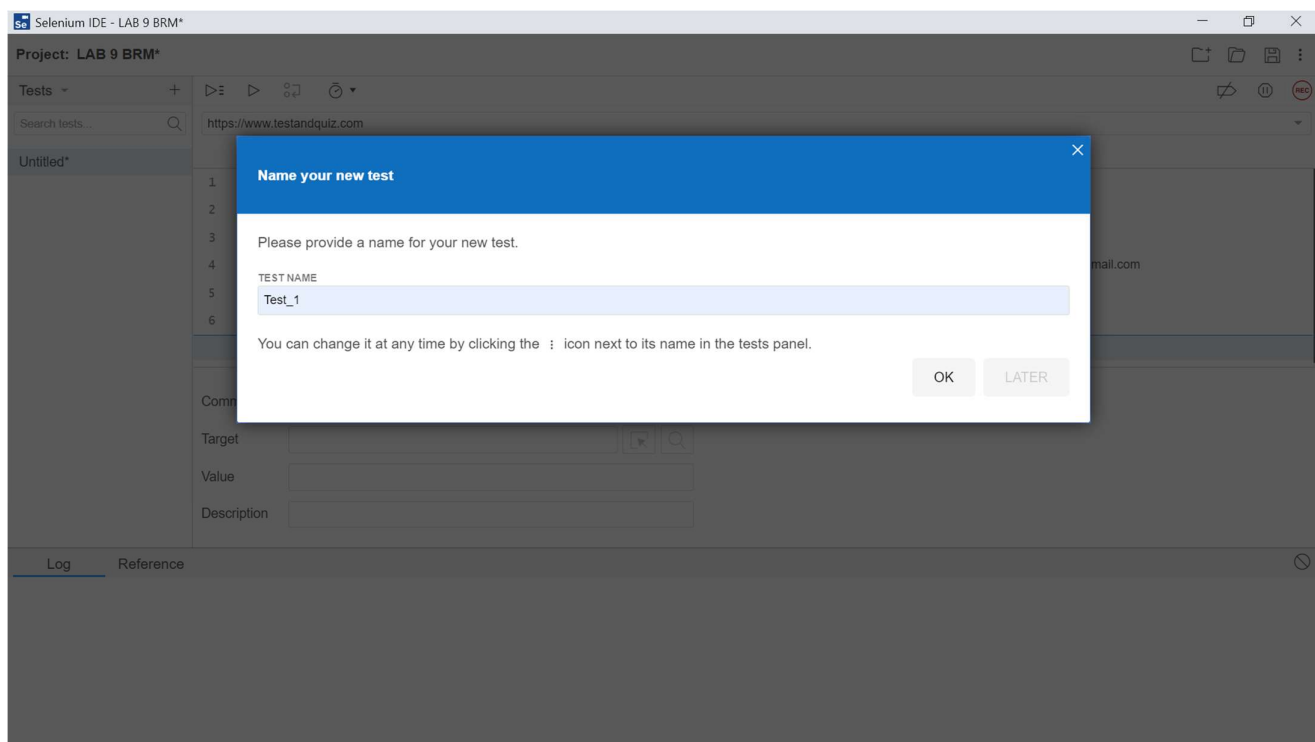
Give the BASE URL of the website (here <https://www.testandquiz.com/>) which will be tested and click on “START RECORDING”.



Step 4: Now, it will open a new browser window with the provided BASE URL. Login to the website which is recorded by the Selenium IDE as can be seen on bottom right corner. Once logged in, stop the recording.



After stopping the recording, the following window will pop up. Give name to the test.



Step 5: After naming test, you will see the following window. Run the test by clicking on “Run current test”

Selenium IDE - LAB 9 BRM*

Project: LAB 9 BRM*

Tests +

Search tests...

https://www.testandquiz.com

| | Command | Target | Value |
|---|-----------------|------------------|-------|
| 1 | open | / | |
| 2 | set window size | 728x394 | |
| 3 | click | linkText=Logout | |
| 4 | click | linkText=Login | |
| 5 | click | css=.btn-primary | |

Command

Target

Value

Description

Log Reference

After clicking on “Run current test”, the Selenium IDE will automatically run the tests as per the recorded Commands, Targets and Values.

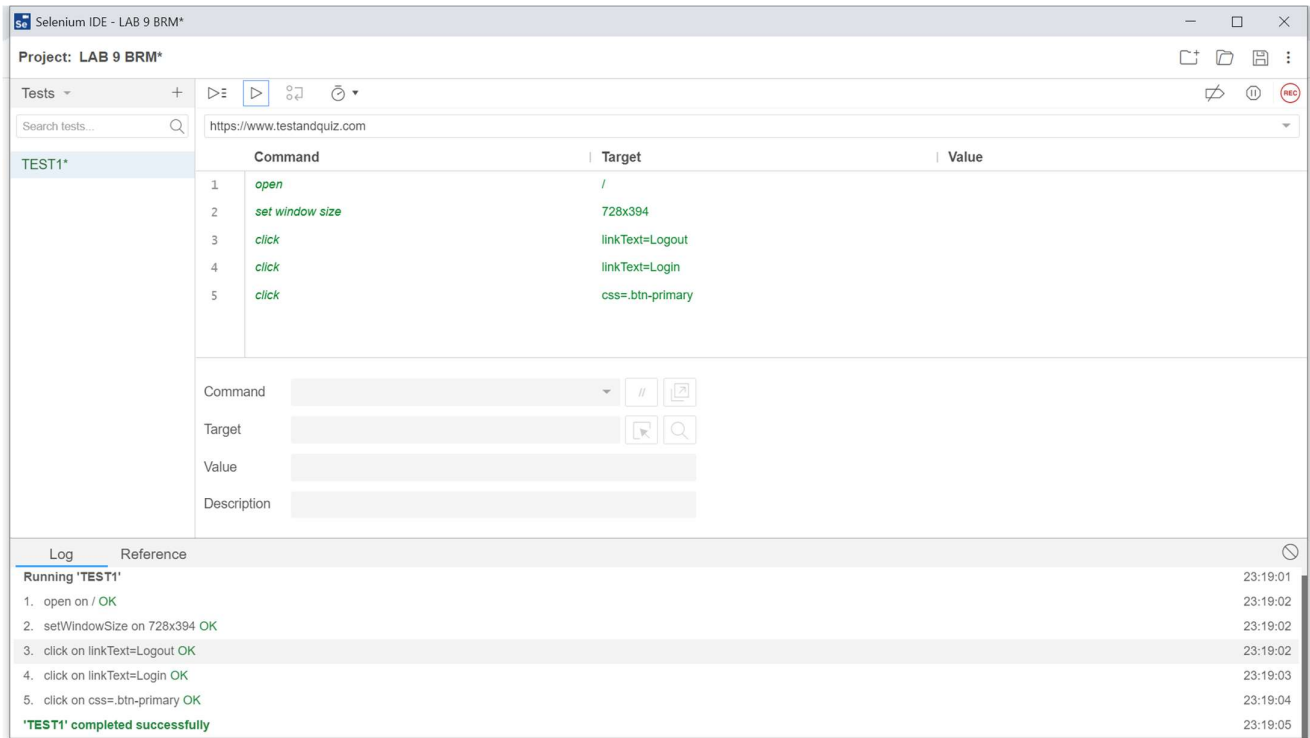
Selenium IDE Test Preparation x +

Selenium IDE | chrome-extension://mooikfahbdckldjjndioackbalphokd/bootstrap.html

Preparing to run your test

Waiting for catds.net...

Step 6: Finally after successful run it will show the following



The screenshot displays the Selenium IDE interface for a project named 'LAB 9 BRM*'. The URL bar shows 'https://www.testandquiz.com'. The test suite 'TEST1*' contains the following commands:

| | Command | Target | Value |
|---|-----------------|------------------|-------|
| 1 | open | / | |
| 2 | set window size | 728x394 | |
| 3 | click | linkText=Logout | |
| 4 | click | linkText=Login | |
| 5 | click | css=.btn-primary | |

Below the command list, there are input fields for Command, Target, Value, and Description, each with a corresponding icon for selection or search.

The Log tab at the bottom shows the execution results:

| Log | Reference |
|---------------------------------|-----------|
| Running 'TEST1' | 23:19:01 |
| 1. open on / OK | 23:19:02 |
| 2. setWindowSize on 728x394 OK | 23:19:02 |
| 3. click on linkText=Logout OK | 23:19:02 |
| 4. click on linkText=Login OK | 23:19:03 |
| 5. click on css=.btn-primary OK | 23:19:04 |
| 'TEST1' completed successfully | 23:19:05 |