

Build and Release Management Lab Experiment 9

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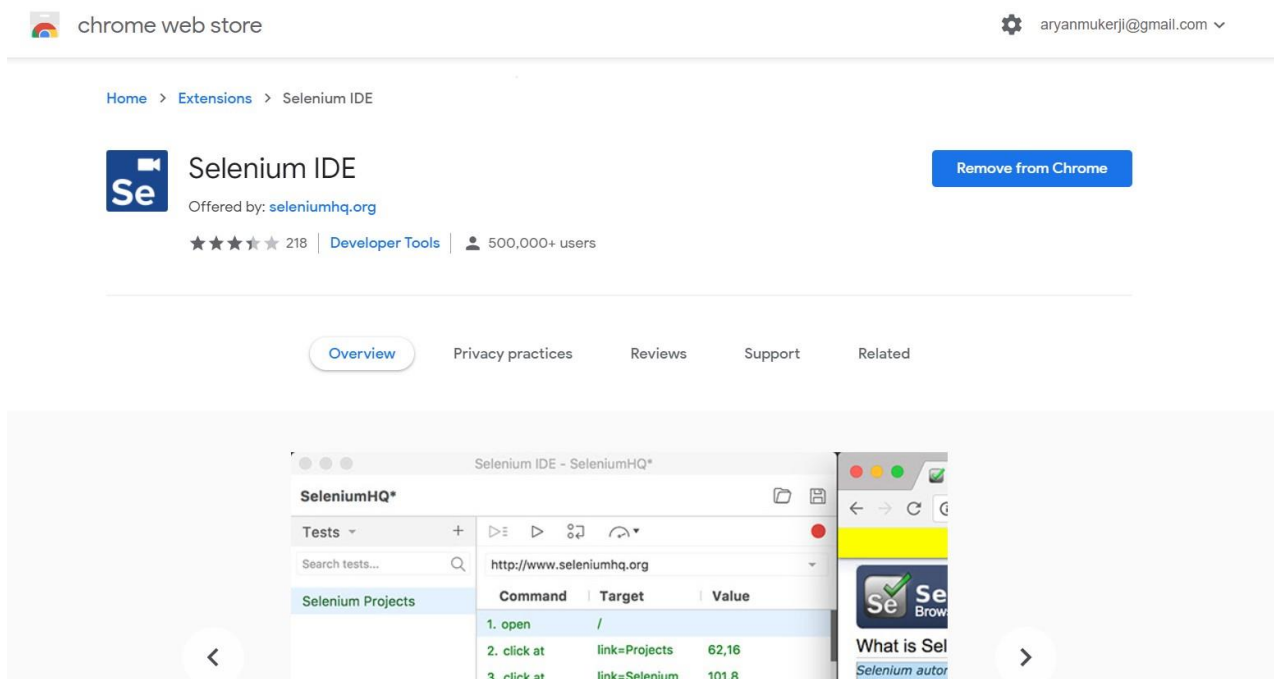
Roll No.: R171219007

SAP ID.: 500075964

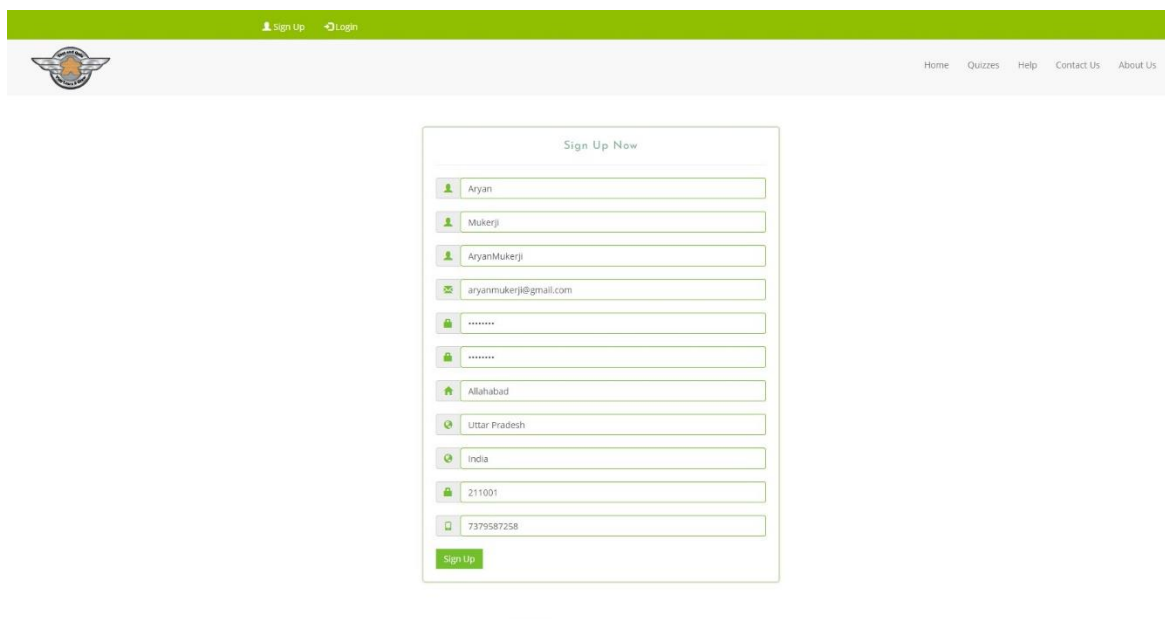
Branch: B.Tech-CSE-DevOps

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

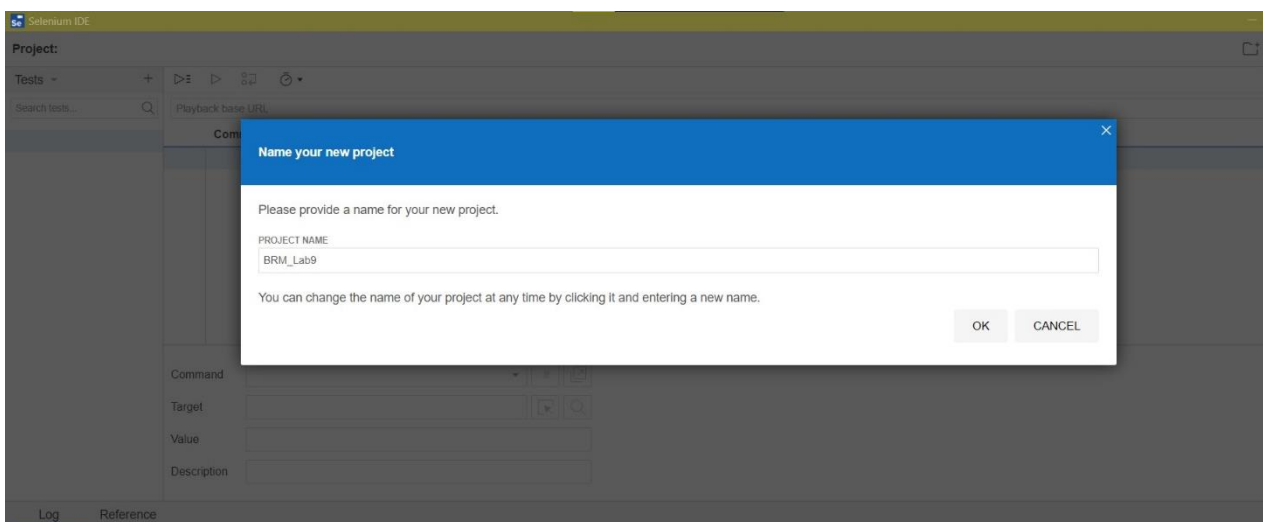
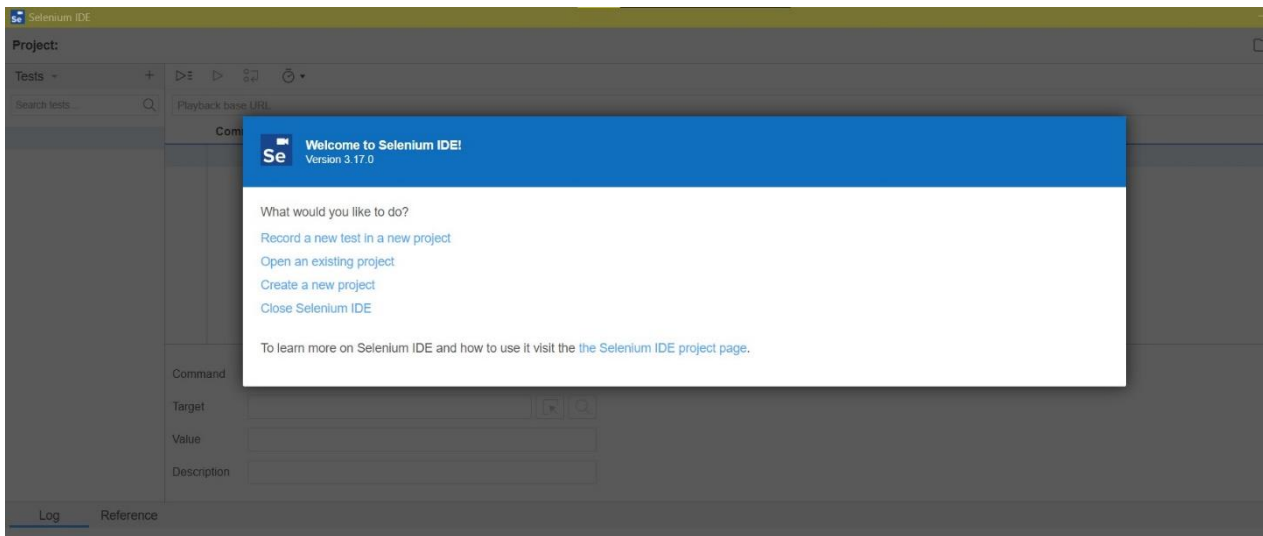
Step 1: Add Selenium IDE Web Extension in Google Chrome or Mozilla Firefox.



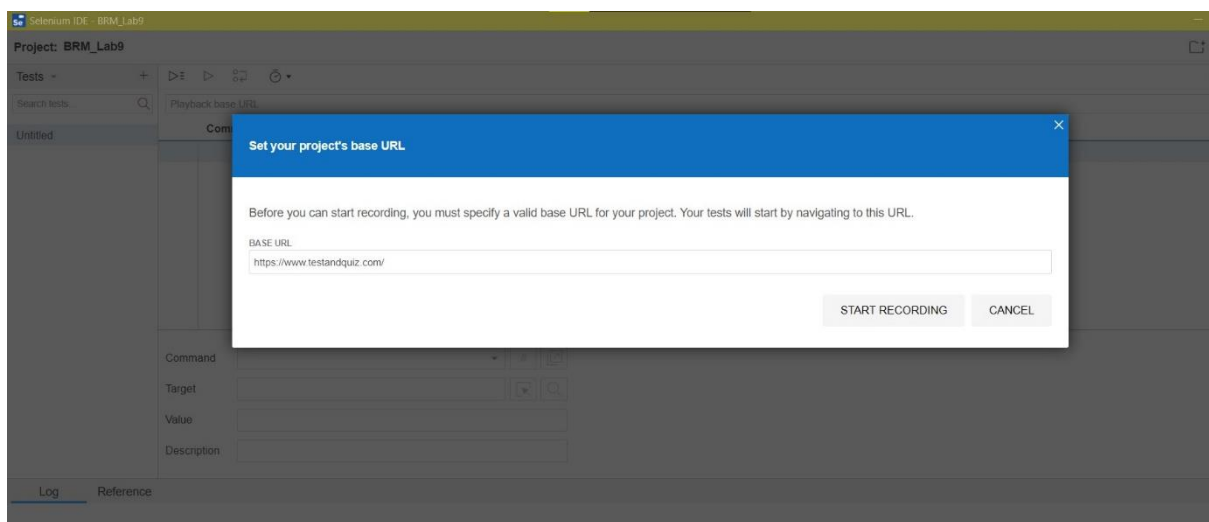
Step 2: Now sign-up into the following website <https://www.testandquiz.com/> so that we test the login process using Selenium IDE.



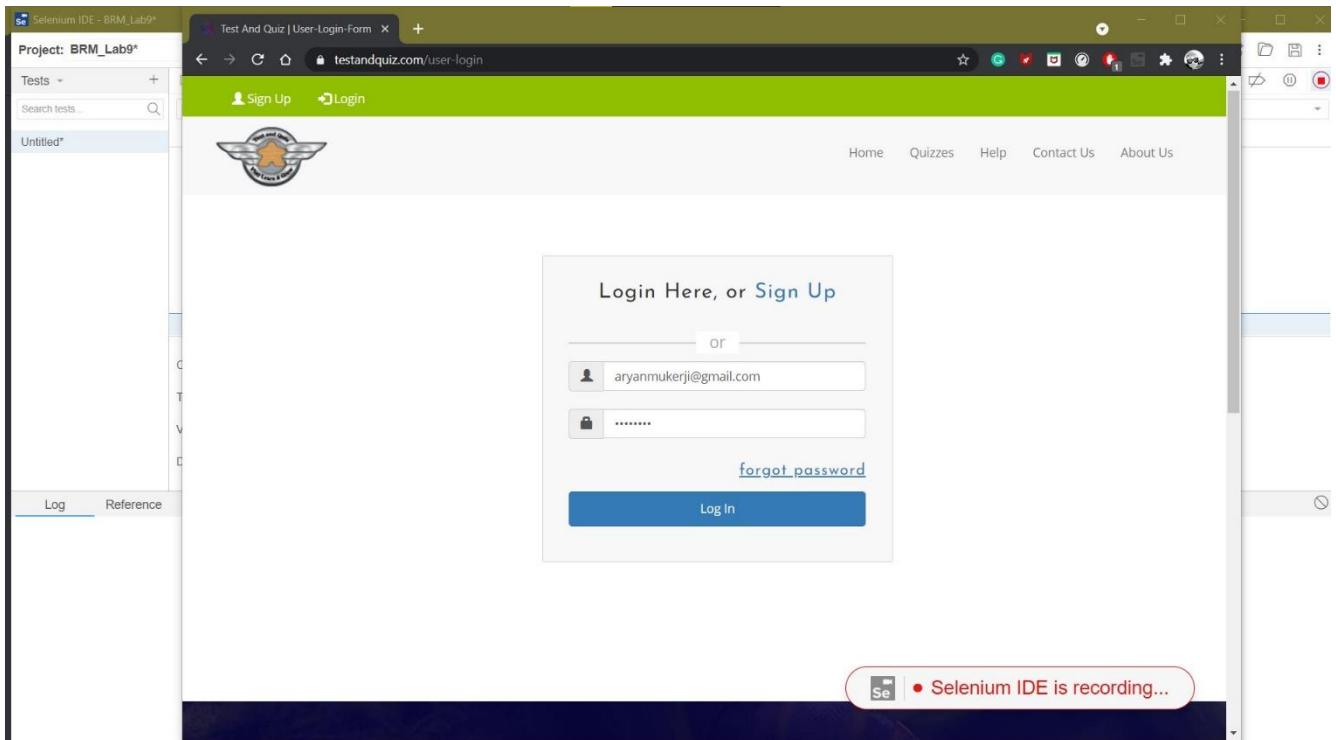
Step 3: After signing up, Open the Selenium IDE from Extensions, the following window will pop up. Click on “Record a new test in a new project” and give your project a name.



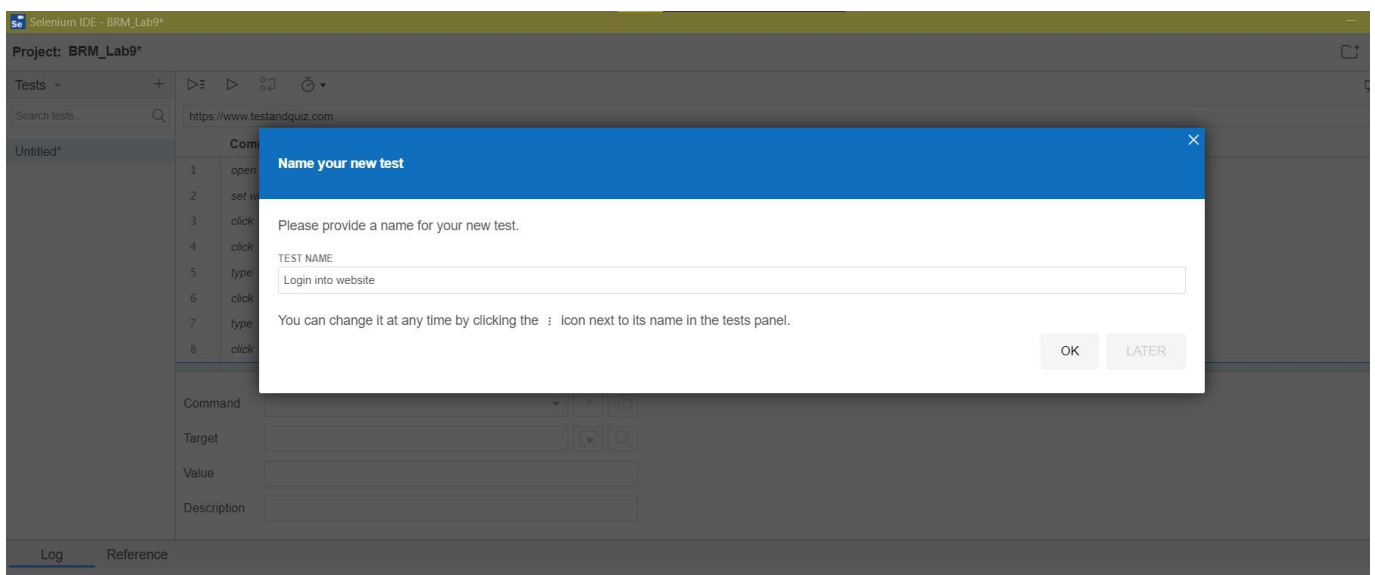
Now give the BASE URL of the website (here <https://www.testandquiz.com/>) which will be tested and click on “START RECORDING”.



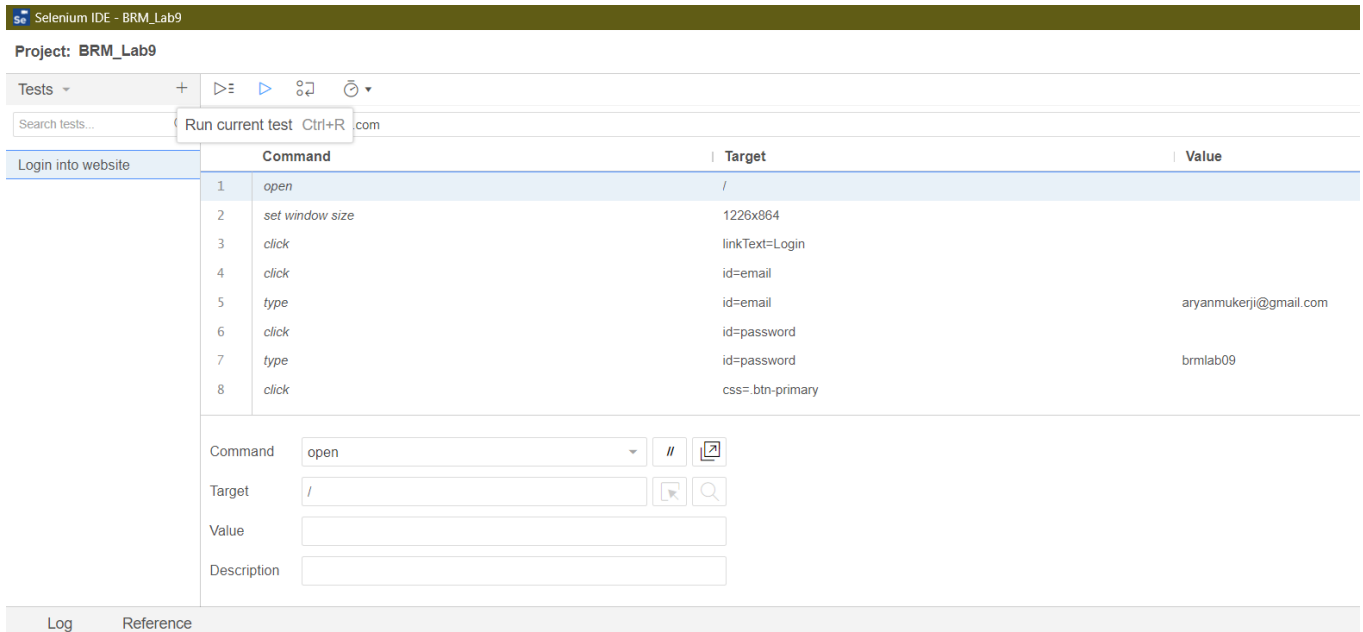
Step 4: After clicking on “START RECORDING”, it will open a new browser window with the provided BASE URL. Now Login to the website by giving your email address and password which is recorded by the Selenium IDE as can be seen on bottom right corner. Once logged in, stop the recording.



Once you stop the recording, the following window will pop up. Give your test a name.



Step 5: After naming your test, you will see the following window. Run the test by clicking on “Run current test” (or “Ctrl+R”).

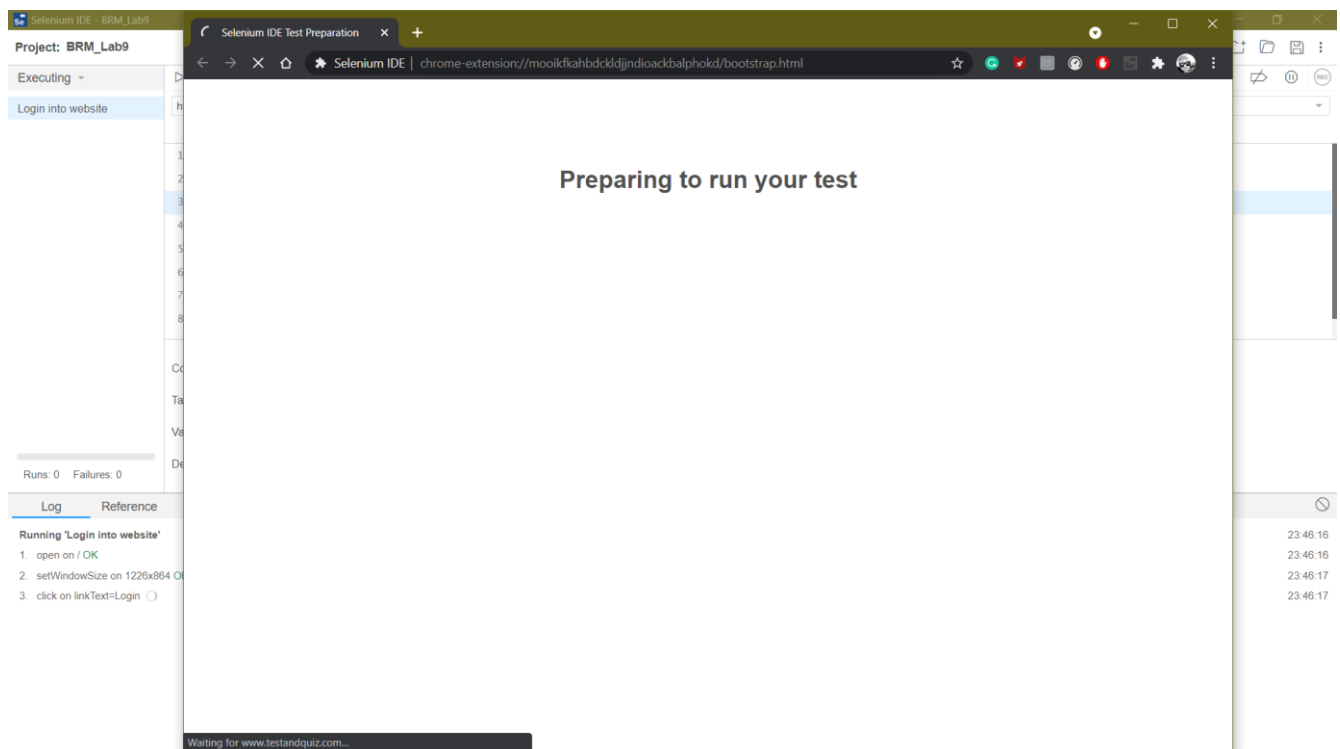


The screenshot shows the Selenium IDE interface for a project named 'BRM_Lab9'. The 'Tests' tab is active, displaying a list of commands for a test titled 'Login into website'. The 'Run current test' button is highlighted. Below the command list, there are input fields for 'Command', 'Target', 'Value', and 'Description'.

	Command	Target	Value
1	open	/	
2	set window size	1226x864	
3	click	linkText=Login	
4	click	id=email	
5	type	id=email	aryanmukerji@gmail.com
6	click	id=password	
7	type	id=password	brmlab09
8	click	css=.btn-primary	

Below the table, the 'Command' field is set to 'open', 'Target' is '/', 'Value' is empty, and 'Description' is empty.

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



The screenshot shows the Selenium IDE interface during test execution. The 'Executing' tab is active, displaying the progress of the test. The 'Log' tab shows the execution steps: 'Running 'Login into website'', '1. open on / OK', '2. setWindowSize on 1226x864 OK', and '3. click on linkText=Login'. The 'Reference' tab is also visible. The browser window shows the Selenium IDE Test Preparation page.

Preparing to run your test

Runs: 0 Failures: 0

Log Reference

Running 'Login into website'

1. open on / OK
2. setWindowSize on 1226x864 OK
3. click on linkText=Login

Waiting for www.testandquiz.com...

Step 6: After a successful run, it will show the following output.

The screenshot displays the Selenium IDE interface for a project named 'BRM_Lab9'. The browser window shows 'https://www.testandquiz.com'. A test suite titled 'Login into website' is selected, containing 8 steps:

	Command	Target	Value
1	open	/	
2	set window size	1226x864	
3	click	linkText=Login	
4	click	id=email	
5	type	id=email	aryanmukerji@gmail.com
6	click	id=password	
7	type	id=password	brmlab09
8	click	css= btn-primary	

Below the steps, there are input fields for Command, Target, Value, and Description. The bottom panel shows the execution log:

Log | Reference

Running 'Login into website'

- 1. open on / OK 19:11:54
- 2. setWindowSize on 1226x864 OK 19:11:54
- 3. click on linkText=Login OK 19:11:54
- 4. click on id=email OK 19:11:57
- 5. type on id=email with value aryanmukerji@gmail.com OK 19:11:57
- 6. click on id=password OK 19:11:58
- 7. type on id=password with value brmlab09 OK 19:11:58
- 8. click on css= btn-primary OK 19:11:58

'Login into website' completed successfully 19:11:58

Result: Hence we successfully performed an automated test using Selenium IDE by testing a web page.