

**Practical 7: Automate test cases using Selenium IDE**

<b>Objective:</b>	1. To know the process to automate test cases using Selenium 2. To automate test case generation
<b>Instructor:</b>	Dr Noraini Ibrahim Puan Hannani binti Aman
<b>Duration:</b>	1 hour and 50 minutes
<b>Laboratory:</b>	S4: <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGU4NzJkYTMtY2NkMCC00NDFmLWFmZTEtZDZlY2ViZDMxMWVv%40thread.v2/0?context=%7b%22id%22%3a%2210957518-e54c-4afc-a161-7654f5747891%22%2c%22oid%22%3a%22ec5e3321-f447-4a50-9ae3-a7f61cab067%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGU4NzJkYTMtY2NkMCC00NDFmLWFmZTEtZDZlY2ViZDMxMWVv%40thread.v2/0?context=%7b%22id%22%3a%2210957518-e54c-4afc-a161-7654f5747891%22%2c%22oid%22%3a%22ec5e3321-f447-4a50-9ae3-a7f61cab067%22%7d</a>  S11: <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_YTE3MDJmNzQ0YzliNC00Y2Q5LWl3ZmQ0ZDdjY2FhZGZlOTgx%40thread.v2/0?context=%7b%22id%22%3a%2210957518-e54c-4afc-a161-7654f5747891%22%2c%22oid%22%3a%22ec5e3321-f447-4a50-9ae3-a7f61cab067%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_YTE3MDJmNzQ0YzliNC00Y2Q5LWl3ZmQ0ZDdjY2FhZGZlOTgx%40thread.v2/0?context=%7b%22id%22%3a%2210957518-e54c-4afc-a161-7654f5747891%22%2c%22oid%22%3a%22ec5e3321-f447-4a50-9ae3-a7f61cab067%22%7d</a>
<b>Tools/Software:</b>	1. Java 2. Eclipse 3. Selenium 4. Selenium IDE
<b>References:</b>	<a href="https://www.guru99.com/installing-selenium-webdriver.html">https://www.guru99.com/installing-selenium-webdriver.html</a> <a href="https://www.youtube.com/watch?v=FRn5J31eAMw">https://www.youtube.com/watch?v=FRn5J31eAMw</a> <a href="https://usem.info/">https://usem.info/</a>
<b>Instruction</b>	Follow instructions in this practical worksheet.
<b>Report</b>	1. Demo your TC001_ValidLogin during lab session.


**A. Way 1: Installation Selenium**

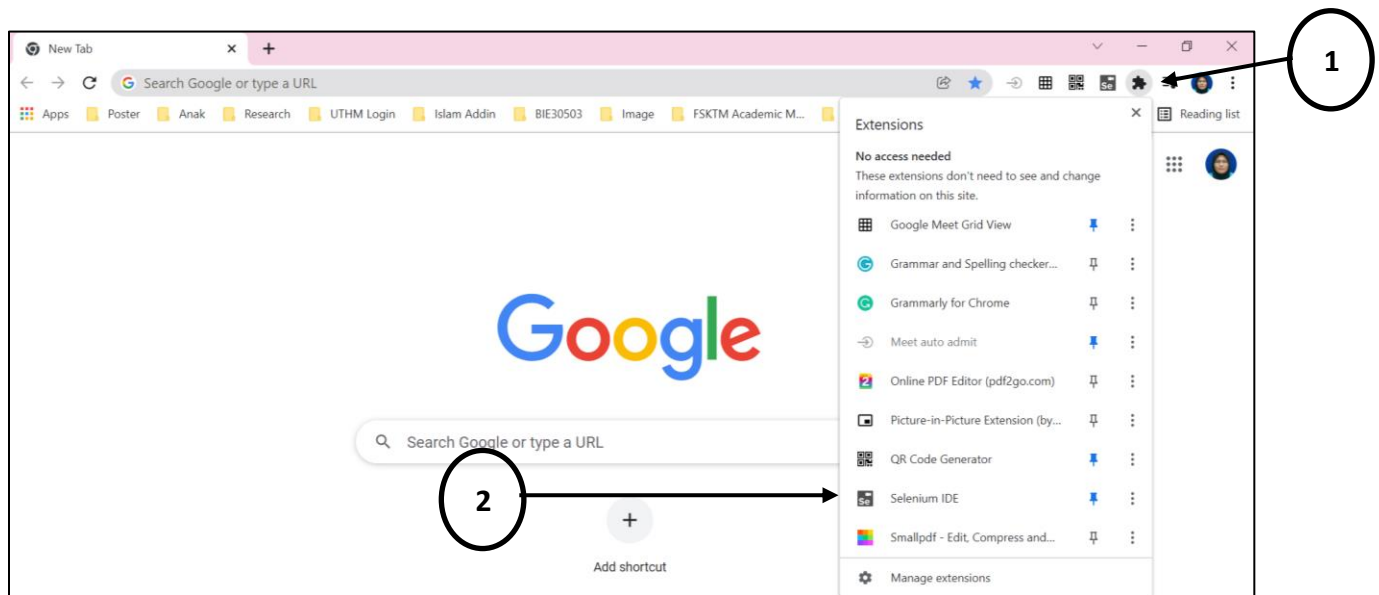
To install Selenium by entering your own Java code, please install the following components. Please refer the link in the References

1. Java
2. Eclipse
3. Selenium

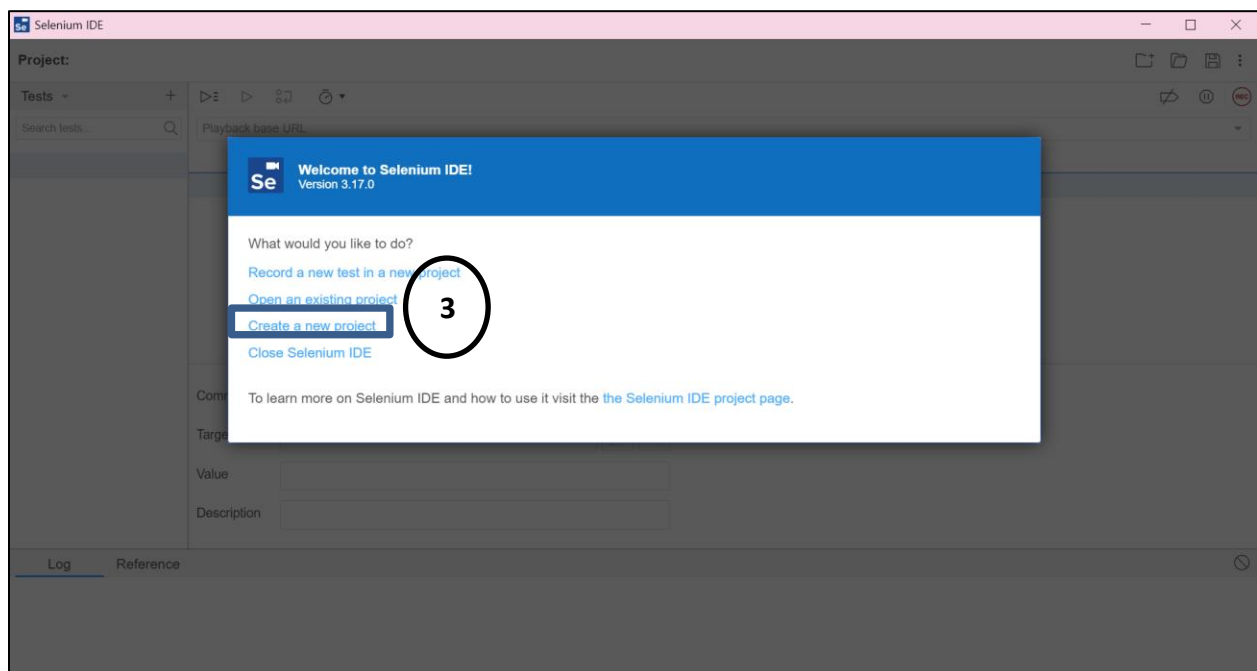
## B. Way 2: Using Selenium IDE

### Run Login test case

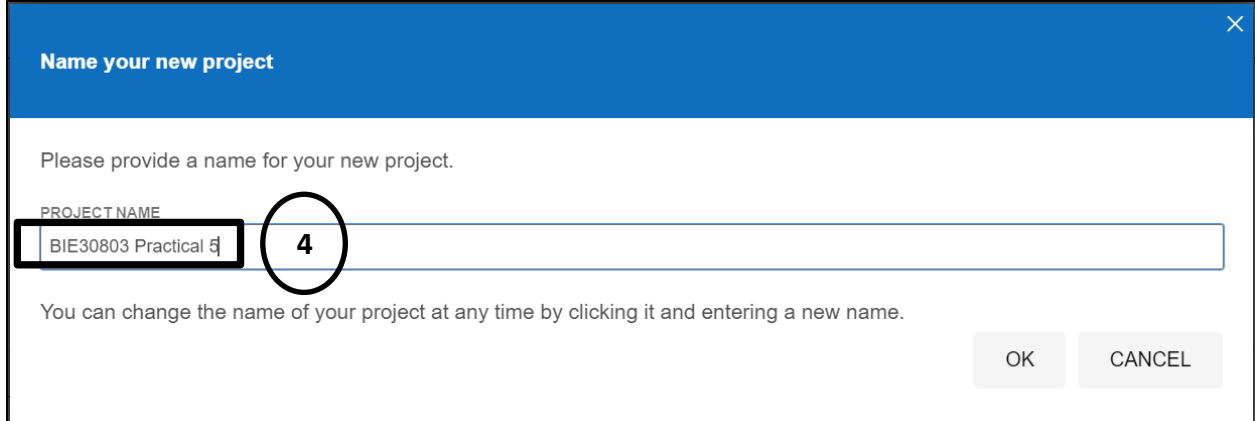
1. Check your IDE Selenium by click on Extension Icon .
2. Click on "**Selenium IDE**".



3. Click on "**Create a new project**".



4. Give a Project Name



**Name your new project**

Please provide a name for your new project.

PROJECT NAME

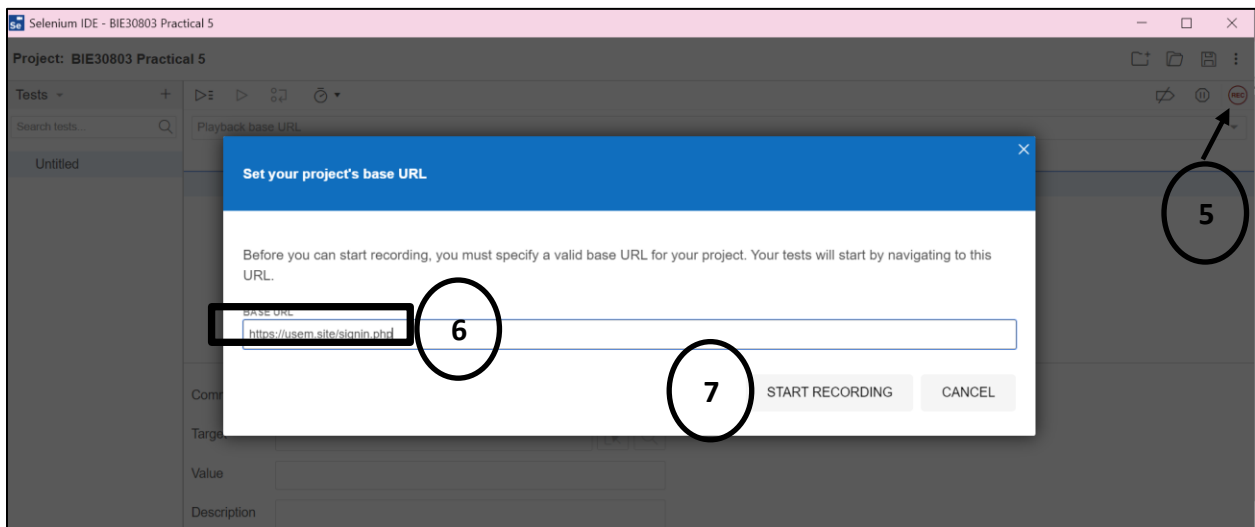
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You can change the name of your project at any time by clicking it and entering a new name.

OK CANCEL

Click on “**REC**” icon and enter <https://usem.info/>. Click **START RECORDING**.



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Project: BIE30803 Practical 5

Tests -

Search tests...

Untitled

Playback base URL

**Set your project's base URL**

Before you can start recording, you must specify a valid base URL for your project. Your tests will start by navigating to this URL.

BASE URL

<https://usem.info/>

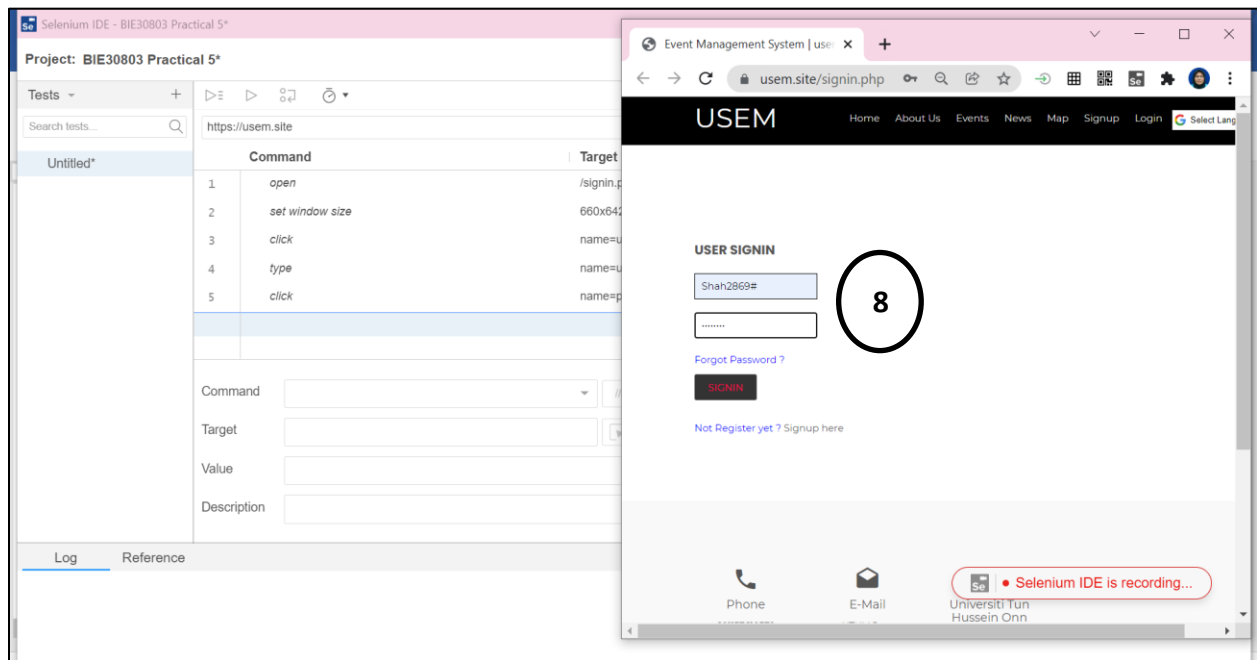
6

7

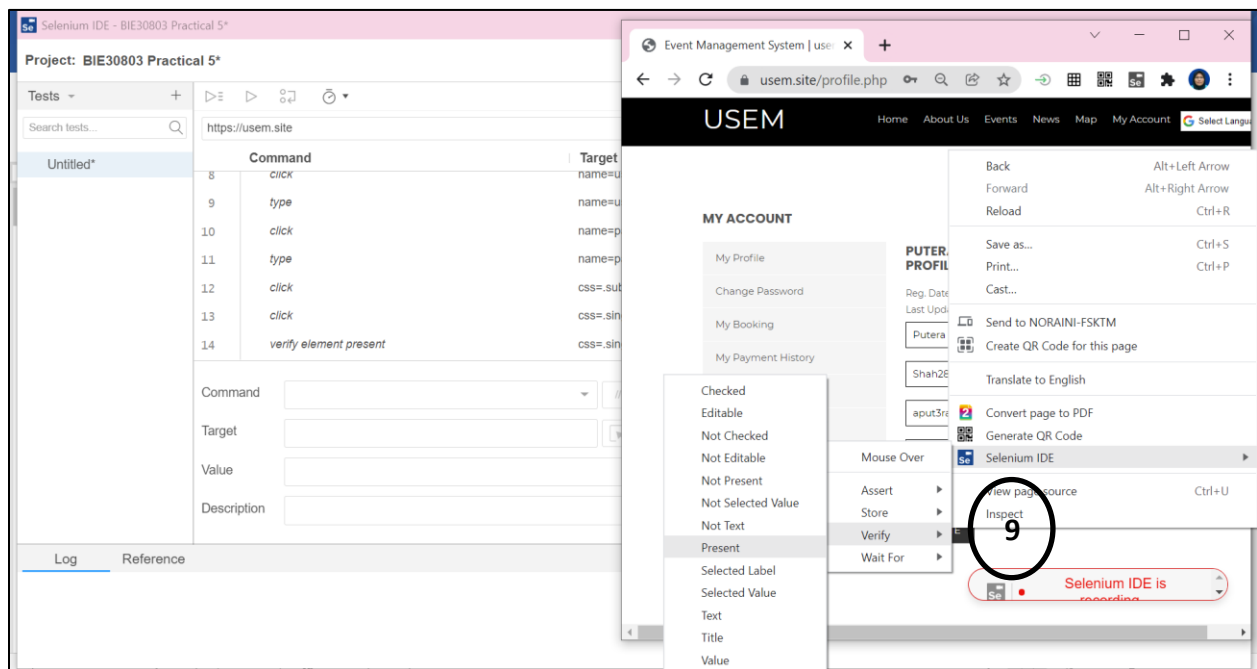
START RECORDING CANCEL

5

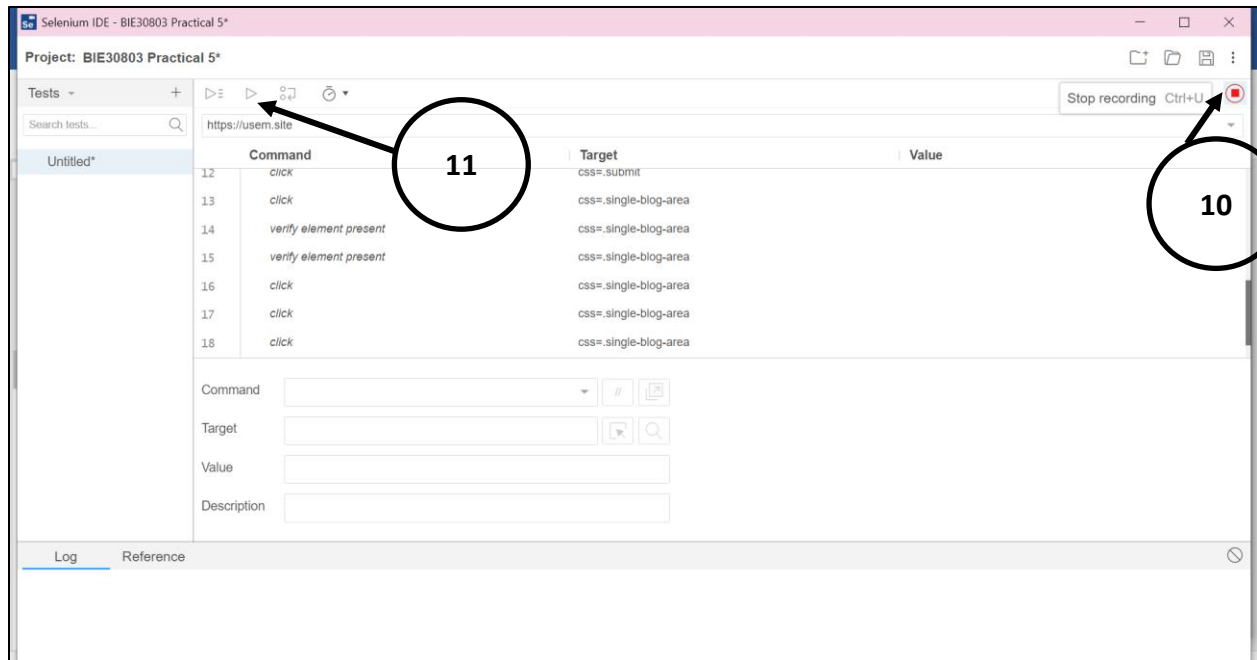
5. Enter the username (dina) and password (AniRun11)



6. System will display the user profile page. Click Logout.
7. Right click and choose **Selenium IDE>Verify>Present**.



8. Click on **stop recording**. Click on **Run current test**.



9. **TC\_100\_001\_ValidLogin** completed successfully.

