SELENIUM IDE

EXERCISE BOOK

**Software Developer Level 4: Module Three**

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# Exercise 1 – Google search for kittens

Using Selenium IDE, create a test case which:

1. Opens the **google.com** web page
2. Searches for **kittens**
3. Verifies the text in the tab (title) is **kittens – Google Search**

Hints:

* You will need to use the **title** assertion

After creating the test case, run it to verify it works correctly. Inspect the generated commands to familiarise yourself with them.

# Exercise 2 – Check the chapter titles

For this exercise, you will be using [**https://automatetheboringstuff.com**](https://automatetheboringstuff.com). Your task is to open each chapter, assert the pages main heading, return to the previous page and repeat for all chapters.

Following is a starter to give you an idea of how to approach this task:

Graphical user interface, text

Description automatically generated with medium confidence

Hints:

* To go back a page, you will need to manually add the **execute script** command and give it a value of **history.back()**. The script you are executing is standard JavaScript code, specifically one which accesses the **history** API in this case.

# Exercise 3 – SwagLabs SauceDemo

SwagLabs created a site called **SauceDemo**, this can be used for some simple user-acceptance tests. Your task will be to test a variety of logins, supplied below, and asserting that the result is expected.

**URL**: <https://www.saucedemo.com>

**Working account:**

* Username: standard\_user
* Password: secret\_sauce

**Locked out account**:

* Username: locked\_out\_user
* Password: secret\_sauce

**Incorrect password account**:

* Username: problem\_user
* Password: wrong

For each of the following exercises, create an associated test case.

## Working account

Using the supplied account, login the user to the SauceDemo page. Once logged in, verify this by asserting that a product is present.

## Locked out account

Using the supplied account, attempt to login the locked-out user. After attempting this, you will receive an error message:

* Epic sadface: Sorry, this user has been locked out.

Assert that this error message does in-fact show.

## Incorrect password account

Using the supplied account, attempt to login the user with the incorrect password. After attempting this, you will receive the error message:

* Epic sadface: Username and password do not match any user in this service

Assert that this error message does in-fact show.

# Exercise 4 – Creating a shopping cart and placing an order

The following exercises use a demo product store.

**URL**: <https://www.demoblaze.com/>

## Adding items to the cart

Create a Selenium IDE test case which adds at least three items to the shopping basket.

* This site is a demo site, so please don’t worry about any actual purchases

After adding three items to the basket, navigate to the **Cart** and assert that the items were in fact added to the basket.

## Placing an order

Create a Selenium IDE test case which adds at least one item to the basket. After adding the items to the basket, automate the process of checking out.

Automating the checkout process will involve clicking the **Place Order** button, filling out the form (with fake details) and selecting **Purchase**.

After selecting **Purchase**, a pop-up will appear:

Graphical user interface, text, application, chat or text message

Description automatically generated

Assert that the **Amount**, **Card Number** and **Name** are as expected.