Group 9 Selenium Lab

What is Selenium and how to use it.

Overview:

Placeholder for text.

**Getting Started:**

To get started using selenium and the selenium example script, follow these steps:

**Prerequisites**:

Getting command line to use git commands ready.

**Confirm Git is installed.**

You can determine if Git is already installed on your computer by opening a terminal and running this command:

git **–version**

Getting Started

To get started using Selenium and the Selenium example script, follow these steps:

1. Setup Environment:

* Run the following command to clone the repository from GitHub:

git clone [git@github.com:CSC-256-Group\_Project-9/Group-9-Selenium-Lab.git](mailto:git@github.com:CSC-256-Group_Project-9/Group-9-Selenium-Lab.git)

* Go to the Group-9-Selenium-Lab:

cd .\Group-9-Selenium-Lab\

* Run the following command to swap to the basic-scripting branch:

git checkout basic-scripting

1. Activate Virtual Environment:

* This will create a virtual environment in the current directory which can be used to install new python modules:

python -m venv venv

* The virtual environment needs to be activated after being created. For **PowerShell**, if you have already enabled script execution for your system, you may skip the following step, otherwise, in an elevated terminal (Administrator privileges) run the following command:

set-executionpolicy remotesigned

* After script execution is enabled, run the following command to activate the virtual environment:

.\venv\Scripts\Activate.ps1

* At this point, you should see (venv) at the beginning of each prompt.

1. Install Requirements.txt:

* To install the requirements for this script, use pip to install requirements from requirements.txt.

pip install -r requirements.txt

1. Test Installation:

* Run the test\_installation.py script.

python ./test\_installation.py

* Expected output:

Devtools listening on ws://127.0.0.1…

Installation verified

1. Example Script:

* You may run the example\_test\_script.py the same way you ran the test\_installation.py script.

python ./example\_test\_script.py