

1. Download and install selenium and a webdriver.

```
pip install -U selenium
```

2. The following method is for chrome webdriver.
3. Make sure the driver is in the executable path.
4. Selenium generally starts a browser to run the tests.
5. The goal is to do this in the background without any display.
6. This can be done easily by adding an argument to the chrome options.

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
```

7. To access the chrome options:

```
options = webdriver.ChromeOptions()
```

8. Now add an argument 'headless' to these options

```
options = webdriver.ChromeOptions()
options.add_argument('headless')
```

9. Start the driver and run the tests

```
browser = webdriver.Chrome(options = options)

browser.get("https://github.com/")
assert 'GitHub' in browser.title

browser.close()
```

10. Add a "headless" argument to ChromeOptions() instead of just using Chrome() if we do not want the browser to be displayed, but we still want the tests to occur in the Background.

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys

options = webdriver.ChromeOptions()
options.add_argument('headless')
browser = webdriver.Chrome(options = options)
```

```
browser.get("http://www.google.com")  
print(browser.title)  
  
browser.close()
```