Selenium Updates

As there was an update in selenium, few functions have been changed. Please refer to this document for the updates.

Before you start with selenium, Do install selenium and webdriver.manager by using the following code.

```
!pip install serenium
!pip install webdriver_manager
```

1. To install Driver for Browser

A. Download the ChromeDriver first (if you are using google chrome) . Then, use the following code to install it.

```python
from selenium.webdriver.chrome.service import Service
from selenium import webdriver

service = Service(executable path="/path/to/chromedriver")
driver = webdriver.Chrome(service=service)
```

B. To run your Driver Directly without downloading the ChromeDriver. (The following code is for google chrome)

Step 1: Run the following command to install Webdriver Manager

```
!pip install webdriver_manager
```

Step 2: Import the driver corresponding to your browser

Note: Does not work for Safari

```python
from selenium import webdriver
from webdriver_manager.chrome import ChromeDriverManager
driver = webdriver.Chrome(ChromeDriverManager().install())
```

2. In the Serenium update **Find Element** functions are also changed. They have same concepts and meaning which was taught by the instructor , Only the syntax are different. Please use the following syntax.

Step 1:Import following :

->> from selenium.webdriver.common.by import By

Step 2: Common syntax for find element

->> find_element(By.<attribute_name>, '<attribute_text>')

Following can be the different attribute. These are the function which instructor is teaching but only syntax has been change.

```
find_element(By.ID, "id")
find_element(By.NAME, "name")
find_element(By.XPATH, "xpath")
find_element(By.LINK_TEXT, "link text")
find_element(By.PARTIAL_LINK_TEXT, "partial link text")
find_element(By.TAG_NAME, "tag name")
find_element(By.CLASS_NAME, "class name")
find_element(By.CSS_SELECTOR, "css selector")
```