**Install python on windows:**

* Navigate to <https://www.python.org/downloads/>
* Click download button to download the python version
* After installing the python ,open cmd and type python(to see python version)
* Now to go program files and search python
* E.g “**C:\Users\1154-Talha\AppData\Local\Programs\Python\Python36-32**”
* Add the path in the environment variable

**Install selenium:**

* open cmd and type “**pip install -U Selenium**” or if you want to download any specific version you can download by using “**pip install selenium==2.33**”
* type “pip list in cmd”
* To install test runner open cmd and run “**pip install html-testRunner**”
* “pip show html-testRunner”
* “pip check html-testRunner”
* To install webdriver manager run “**pip install webdriver-manager**”

**Install PyCharm and Configure:**

* Navigate to [**https://www.jetbrains.com/pycharm/download/?section=windows**](https://www.jetbrains.com/pycharm/download/?section=windows)
* Download the Community version of the pycharm
* Open the pycharm and File🡪Settings🡪Project🡪Project Interpreter
* Click on the “+” sign and search selenium and click install package **(if selenium not appeared in the list)**
* Go to file and create a project
* Click on the “+” sign and search selenium and click install package **(if selenium not appeared in the list)**
* **Whenever you create a new project you have to add selenium package from project interpreter.**

**Example Libraries:**

* from selenium import webdriver
* import time
* import string
* import unittest
* from selenium import webdriver
* from selenium import webdriver
* from selenium.webdriver.common.keys import Keys
* import time
* from selenium.webdriver.support.select import Select
* from selenium.webdriver import ActionChains
* from webdriver\_manager.chrome import ChromeDriverManager
* import HtmlTestRunner
* from webdriver\_manager.chrome import ChromeDriverManager
* import random
* import string
* from colorama import Fore

**SAMPLE CODE:**

**MAIN FILE**

class SQA(unittest.TestCase):  
  
 @classmethod  
 def setUpClass(cls):  
 cls.driver=webdriver.Chrome(ChromeDriverManager().install())  
 cls.driver.get("https://www.globalsqa.com/demo-site/")  
 cls.driver.implicitly\_wait(10)  
 cls.driver.maximize\_window()

def test\_a\_tabs(self):  
 driver=self.driver  
 driver.implicitly\_wait(30)  
 fts=firststep\_tabs(driver)  
 fts.clicking()

@classmethod  
def tearDownClass(cls):  
 cls.driver.quit()

if \_\_name\_\_ == '\_\_main\_\_':  
 unittest.main(testRunner=HtmlTestRunner.HTMLTestRunner(output='C:/Users/1154-Talha/PycharmProjects/rts/globalsqa/Reports'))

**PAGE FILE:**

class dropdownhulhub:  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
  
 self.dropdown\_xpath="/html/body/div[1]/main/section[3]/div/div/div[2]/form/div[1]/div[3]/div/div/div"  
 self.countries="/html/body/div[1]/main/section[3]/div/div/div[2]/form/div[1]/div[3]/div/div/div/ul"

**How to Run a program**

* Open terminal
* C:\Users\1154-Talha\PycharmProjects\rts> python -m Automation.Beelinks\_New.Test.final