1. pip install -U selenium /// install software
2. now,

go to the link : <https://github.com/mozilla/geckodriver/releases> and download the Firefox browser selenium package, extract the file. Keep the file “geckodriver.exe” in ‘c’ drive “Sel\_Firefox” (optional) name folder.

1. now go to PyCharm and make a new project:

and a .py file inside the project.  
now in .py file :

import:

1. from selenium import webdriver
2. from selenium.webdriver.common.keys import Keys
3. make e driver named “driver”

driver = webdriver.Firefox(executable\_path="c:/Sel\_Firefox/geckodriver.exe")  
  
driver.get('https:/www.upwork.com') /// calling the website

#in the executable path we insert the link of downloaded geckodriver.exe #file

1. sample selenium code:

from selenium import webdriver  
from selenium.webdriver.common.keys import Keys  
import time  
  
  
def page\_title(d):  
 return d.title # page title  
def current\_url(d):  
 return d.current\_url # which url is on access  
def find\_element\_by\_xpath(d):# xpath  
 return d.find\_element\_by\_xpath('/html/body/div[1]/div[2]/div/section[2]/div[1]/div/div/div[3]/a[1]').click()  
def find\_element\_by\_link\_text(d):# find by text  
 return d.find\_element\_by\_link\_text('Web Dev').click()  
def back(d):# go back  
 return d.back()  
def forward(d): #go forward  
 return d.forward()  
  
  
  
# main function  
driver = webdriver.Firefox(executable\_path="c:/Sel\_Firefox/geckodriver.exe")  
driver.get('https:/www.upwork.com')  
print("visiting upwork:")  
print("")  
  
test =page\_title(driver) #going to first page and print title of first page  
print("title of first page:", end=":")  
print(test)  
print("")  
  
test2 = current\_url(driver)#going to first page and print url of first page  
print("URL of first page:", end=":")  
print(test2)  
print("")  
  
find\_element\_by\_xpath(driver) #going to 2nd page and print url of 2nd page  
test3 = current\_url(driver)  
print("URL of 2nd page by finding xpath:", end=":")  
print(test3)  
print("")  
  
back(driver)# going back 1 step ( 1st page ) and printing the url  
test4 = current\_url(driver)  
print("going 1 step back and printing URL of 1st page:", end=":")  
print(test4)  
time.sleep(3)  
print("")  
  
find\_element\_by\_link\_text(driver)  
test5 = current\_url(driver)  
print("URL of 3rd page by finding link text:", end=":")  
print(test5)  
time.sleep(3)  
print("")  
  
back(driver)# going back 1 step ( 1st page ) and printing the url  
test6 = current\_url(driver)  
print("going 1 step back and printing URL of 1st page:", end=":")  
print(test6)  
time.sleep(3)  
print("")  
  
forward(driver)# going back 1 step ( 1st page ) and printing the url  
test6 = current\_url(driver)  
print("going 1 step forward and printing URL of 3rd page:", end=":")  
print(test6)  
time.sleep(3)  
print("")  
  
driver.quit()