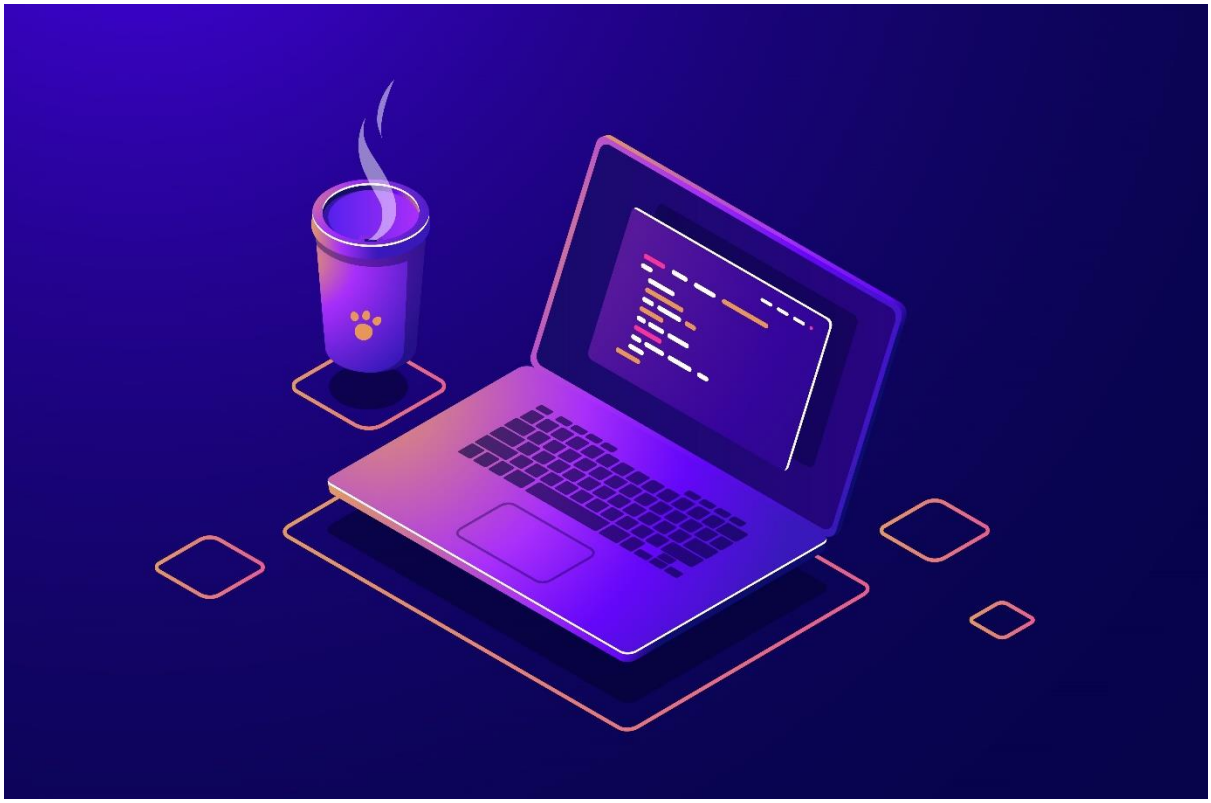
SELENIUM

(Code Implementation)



By:

Tharaneeshwaran V U (CS22B1056)

Naghul Pranav (CS22B1037)

Krishna J (CS22B1023)

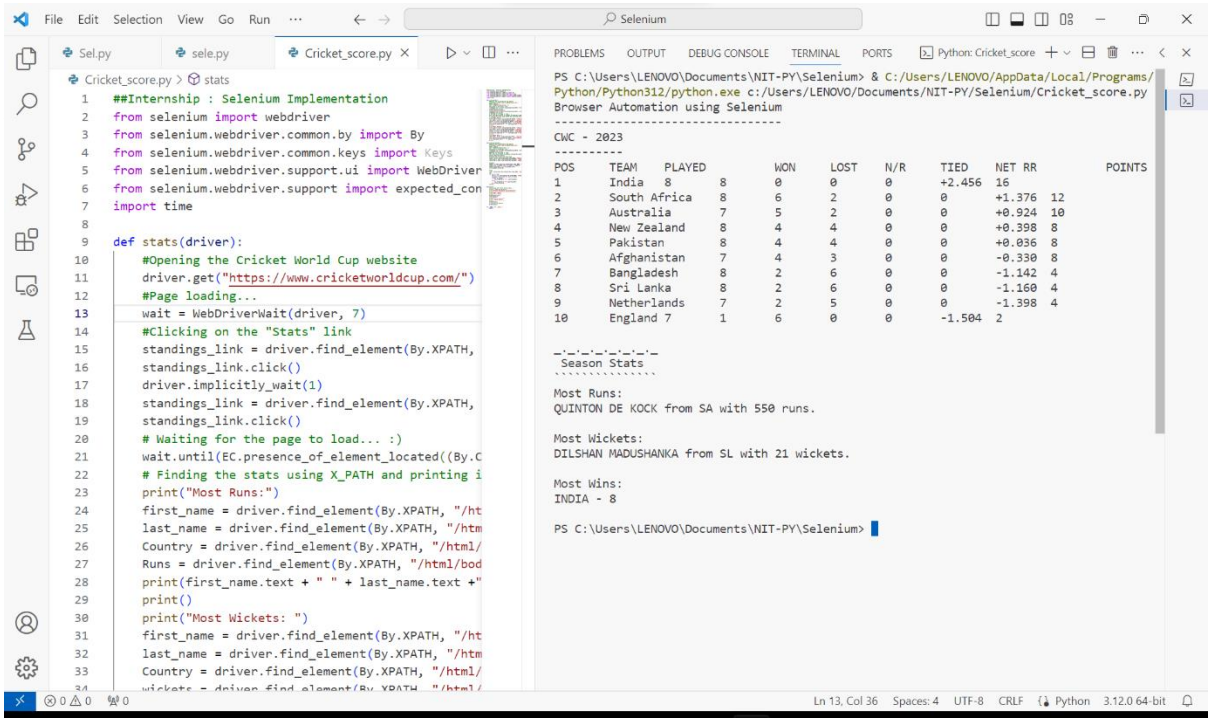
Cricket_Score.py

```
##Internship : Selenium Implementation
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC
import time

def stats(driver):
    #Opening the Cricket World Cup website
    driver.get("https://www.cricketworldcup.com/")
    #Page loading...
    wait = WebDriverWait(driver, 7)
    #Clicking on the "Stats" link
    standings_link = driver.find_element(By.XPATH,
"/html/body/div[3]/div/nav[1]/div/div[3]/ul/li[3]/div[1]")
    standings_link.click()
    driver.implicitly_wait(1)
    standings_link = driver.find_element(By.XPATH,
"/html/body/div[3]/div/nav[1]/div/div[3]/ul/li[3]/div[2]/ul/li[1]")
    standings_link.click()
    # Waiting for the page to load... :)
    wait.until(EC.presence_of_element_located((By.CLASS_NAME, "wrapper")))
    # Finding the stats using X_PATH and printing it(Most runs, wickets and
wins by a team)
    print("Most Runs:")
    first_name = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[1]/div/div[1]/div/div/div[2]/di
v[2]/a/span/span[1]")
    last_name = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[1]/div/div[1]/div/div/div[2]/di
v[2]/a/span/span[2]")
    Country = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[1]/div/div[1]/div/div/div[2]/di
v[2]/div[1]/span")
    Runs = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[1]/div/div[1]/div/div/div[2]/di
v[2]/div[2]")
    print(first_name.text + " " + last_name.text +" from "+ Country.text +"
with "+Runs.text+" runs.")
    print()
    print("Most Wickets: ")
    first_name = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[2]/div/div[2]/div/div/div[2]/di
v[2]/a/span/span[1]")
```

```
    last_name = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[2]/div/div[2]/div/div/div[2]/di
v[2]/a/span/span[2]")
    Country = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[2]/div/div[2]/div/div/div[2]/di
v[2]/div[1]/span")
    wickets = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[2]/div/div[2]/div/div/div[2]/di
v[2]/div[2]")
    print(first_name.text + " " + last_name.text +" from "+ Country.text +"
with "+wickets.text+" wickets.")
    print()
    print("Most Wins: ")
    Team_name = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[3]/div/div[2]/div/div/div[2]/di
v[2]/span/span/span")
    wins = driver.find_element(By.XPATH,
"/html/body/div[5]/main/div/div/div[2]/section[3]/div/div[2]/div/div/div[2]/di
v[2]/div")
    print(Team_name.text + " - "+ wins.text)
    print()

def Standings(driver):
    #Opening the Cricket World Cup website
    driver.get("https://www.cricketworldcup.com/")
    #Page loading...
    wait = WebDriverWait(driver, 7)
    #Clicking on "Standings" link
    standings_link = driver.find_element(By.XPATH,
"/html/body/div[3]/div/nav[1]/div/div[3]/ul/li[6]/div")
    standings_link.click()
    #Waiting for that page to load
    wait.until(EC.presence_of_element_located((By.CLASS_NAME, "wrapper")))
    driver.implicitly_wait(2)
    #Finding and printing the table data
    table = driver.find_element(By.CLASS_NAME, "table")
    table_head = table.find_element(By.TAG_NAME, "thead")
    table_body = table.find_element(By.TAG_NAME, "tbody")

    #headers
    headers = table_head.find_elements(By.CLASS_NAME, "table-head__cell")
    header_text = [header.text for header in headers]
    header_formatted = "\t".join(header_text)
    print(header_formatted)

    #rows
    rows = table_body.find_elements(By.CLASS_NAME, "table-body")
    i=0
```

```
        for row in rows:
            cells = row.find_elements(By.CLASS_NAME, "table-body__cell")
            row_data = [cell.text for cell in cells]
            if(i==1 or i==10):
                row_formatted = "\t ".join(row_data)
            else:
                row_formatted = "\t".join(row_data)
            print(row_formatted)
        print()

    def main():
        #Initiating the driver here in Main...
        driver = webdriver.Firefox()
        print("Browser Automation using Selenium")
        print("---------------------------------")
        print("CWC - 2023")
        print("----------")
        Standings(driver)
        time.sleep(1)
        print("_._._._._._._._._")
        print(" Season Stats")
        print("````````````````")
        stats(driver)
        # Closeing the browser
        driver.quit()

    if __name__ == '__main__':
        main()
```

OUTPUT:



```
##Internship : Selenium Implementation
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.support.ui import WebDriver
from selenium.webdriver.support import expected_con
import time

def stats(driver):
    #Opening the Cricket World Cup website
    driver.get("https://www.cricketworldcup.com/")
    #Page loading...
    wait = WebDriverWait(driver, 7)
    #Clicking on the "Stats" link
    standings_link = driver.find_element(By.XPATH,
    standings_link.click()
    driver.implicitly_wait(1)
    standings_link = driver.find_element(By.XPATH,
    standings_link.click()
    # Waiting for the page to load... :)
    wait.until(EC.presence_of_element_located((By.C
    # Finding the stats using X_PATH and printing i
    print("Most Runs:")
    first_name = driver.find_element(By.XPATH, "/ht
    last_name = driver.find_element(By.XPATH, "/htm
    Country = driver.find_element(By.XPATH, "/html/
    Runs = driver.find_element(By.XPATH, "/html/bod
    print(first_name.text + " " + last_name.text +"
    print()
    print("Most Wickets: ")
    first_name = driver.find_element(By.XPATH, "/ht
    last_name = driver.find_element(By.XPATH, "/htm
    Country = driver.find_element(By.XPATH, "/html/
```

```
PS C:\Users\LENOVO\Documents\NIT-PY\Selenium> & C:/Users/LENOVO/AppData/Local/Programs/
Python/Python312/python.exe c:/Users/LENOVO/Documents/NIT-PY/Selenium/Cricket_score.py
Browser Automation using Selenium
---------------------------------
CWC - 2023
----------
POS     TEAM    PLAYED          WON     LOST    N/R     TIED    NET RR          POINTS
1       India   8       8       0       0       0       +2.456  16
2       South Africa    8       6       2       0       0       +1.376  12
3       Australia       7       5       2       0       0       +0.924  10
4       New Zealand     8       4       4       0       0       +0.398  8
5       Pakistan        8       4       4       0       0       +0.036  8
6       Afghanistan     7       4       3       0       0       -0.330  8
7       Bangladesh      8       2       6       0       0       -1.142  4
8       Sri Lanka       8       2       6       0       0       -1.160  4
9       Netherlands     7       2       5       0       0       -1.398  4
10      England 7       1       6       0       0       -1.504  2


_-_-_-_-_-_-_-_
 Season Stats
^^^^^^^^^^^^^^^

Most Runs:
QUINTON DE KOCK from SA with 550 runs.

Most Wickets:
DILSHAN MADUSHANKA from SL with 21 wickets.

Most Wins:
INDIA - 8

PS C:\Users\LENOVO\Documents\NIT-PY\Selenium>
```