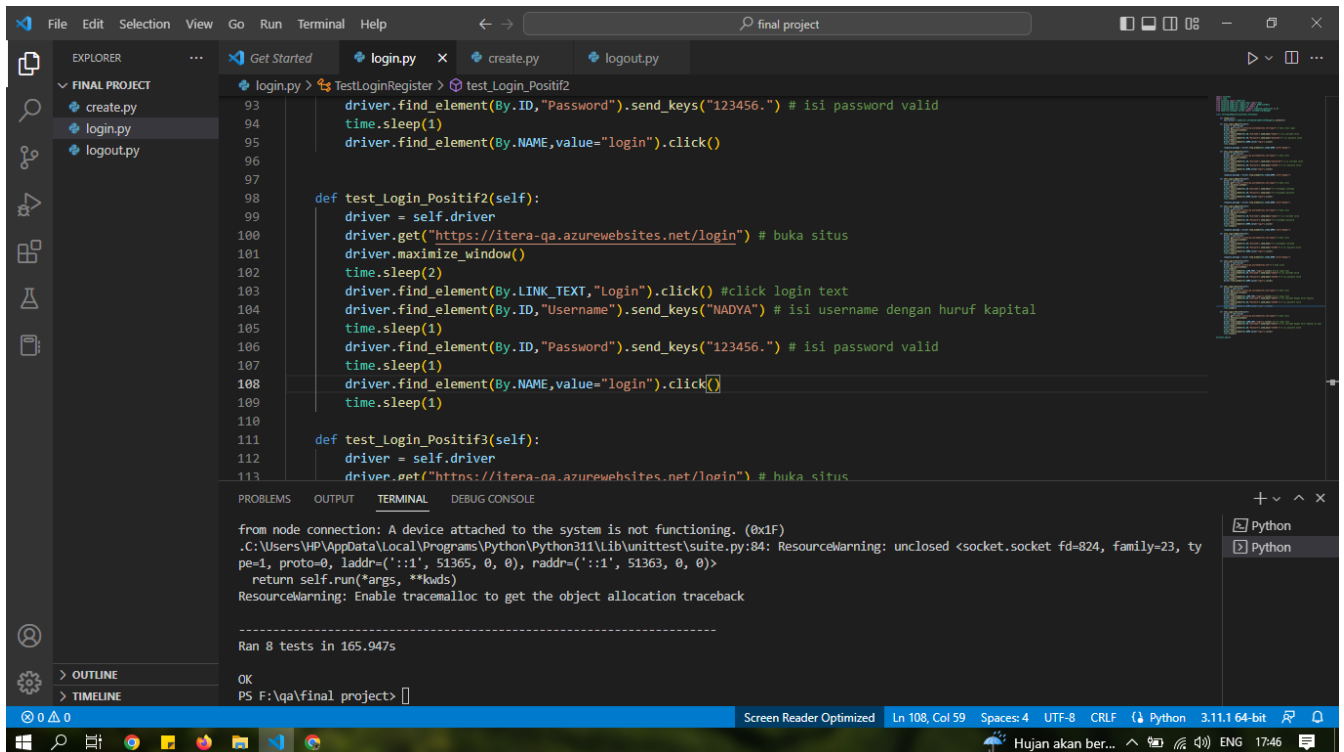


Test Login



The screenshot shows a Visual Studio Code editor with a Python project named 'final project'. The Explorer sidebar on the left shows files: create.py, login.py, and logout.py. The main editor displays the content of login.py, which contains two test functions: test_Login_Positif2 and test_Login_Positif3. Both functions use Selenium to interact with the 'itera-qa.azurewebsites.net/login' page. test_Login_Positif2 performs a login with the username 'NADYA' and password '123456'. test_Login_Positif3 performs a login with the username 'NADYA' and password '123456'. The terminal at the bottom shows the output of running the tests, indicating that 8 tests passed in 165.947s. The status bar at the bottom shows the file is at line 108, column 59, and the Python interpreter is 3.11.1 64-bit.

```
login.py > TestLoginRegister > test_Login_Positif2
93 driver.find_element(By.ID,"Password").send_keys("123456.") # isi password valid
94 time.sleep(1)
95 driver.find_element(By.NAME,value="login").click()
96
97
98
99
100 def test_Login_Positif2(self):
101     driver = self.driver
102     driver.get("https://itera-qa.azurewebsites.net/login") # buka situs
103     driver.maximize_window()
104     time.sleep(2)
105     driver.find_element(By.LINK_TEXT,"Login").click() #click login text
106     driver.find_element(By.ID,"Username").send_keys("NADYA") # isi username dengan huruf kapital
107     time.sleep(1)
108     driver.find_element(By.ID,"Password").send_keys("123456.") # isi password valid
109     time.sleep(1)
110     driver.find_element(By.NAME,value="login").click()
111
112 def test_Login_Positif3(self):
113     driver = self.driver
114     driver.get("https://itera-qa.azurewebsites.net/login") # buka situs
```

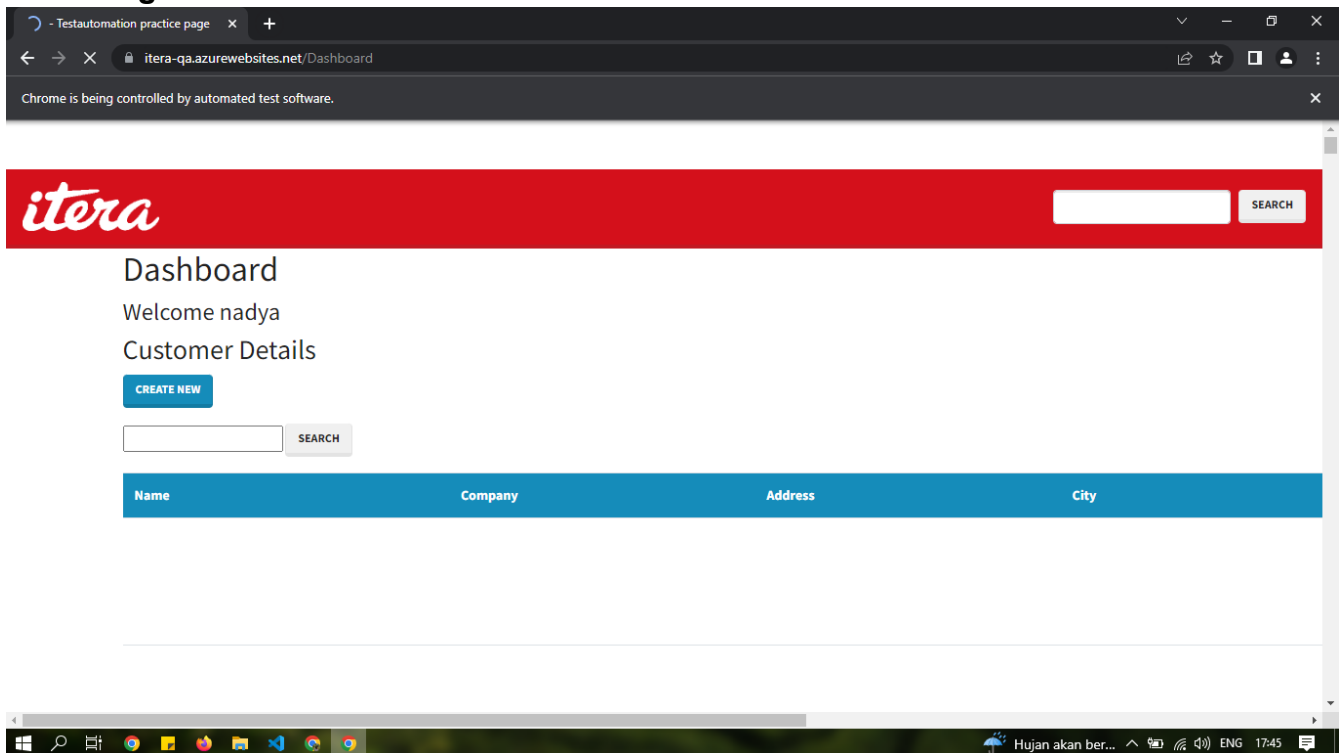
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
from node connection: A device attached to the system is not functioning. (0x1f)
.C:\Users\WP\AppData\Local\Programs\Python\Python311\Lib\unittest\suite.py:84: ResourceWarning: unclosed <socket.socket fd=824, family=23, ty
pe=1, proto=0, laddr=('::1', 51365, 0, 0), raddr=('::1', 51363, 0, 0)>
  return self.run(*args, **kwargs)
ResourceWarning: Enable tracemalloc to get the object allocation traceback

-----
Ran 8 tests in 165.947s

OK
PS F:\qa\final project>
```

Positif login



Negatif login

Testautomation practice page x +

itera-qa.azurewebsites.net/Login/Authorize

Chrome is being controlled by automated test software.

itera Home Practice Test Automation Tutorial

Sign Up Login Search SEARCH

Username: nadya

Password: *****

Wrong username or password

LOGIN CLEAR

NOT REGISTERED? REGISTER HERE

© 2023 - Itera QA team

Senja akan tiba ENG 17:43

Test LogOut

```
1 import unittest
2 import time
3 from selenium import webdriver
4 from selenium.webdriver.common.keys import Keys
5 from selenium.webdriver.support.ui import WebDriverWait
6 from selenium.webdriver.common.by import By
7 from selenium.webdriver.support import expected_conditions as EC
8 from webdriver_manager.chrome import ChromeDriverManager
9
10 class TestLoginRegister(unittest.TestCase):
11
12     def setUp(self):
13         self.driver = webdriver.Chrome(ChromeDriverManager().install())
14
15     def test_Login_Positif(self):
16         driver = self.driver
17         driver.get("https://itera-qa.azurewebsites.net/") # buka situs
18         driver.maximize_window()
19         time.sleep(2)
20         driver.find_element(By.LINK_TEXT, "Login").click() #click login text
21         driver.find_element(By.ID, "Username").send_keys("nadya") # isi username
```

from node connection: A device attached to the system is not functioning. (0x1F)

.C:\Users\HP\AppData\Local\Programs\Python\Python311\Lib\unittest\suite.py:84: ResourceWarning: unclosed <socket.socket fd=360, family=23, ty

pe=1, proto=0, laddr=('::1', 51062, 0, 0), raddr=('::1', 51059, 0, 0)>

return self.run(*args, **kwargs)

ResourceWarning: Enable tracemalloc to get the object allocation traceback

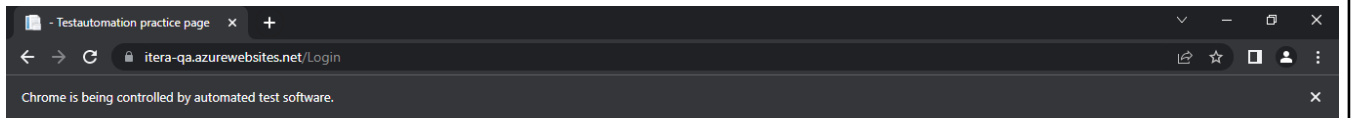
Ran 1 test in 30.691s

OK

PS F:\qa\final project>

Screen Reader Optimized Ln 9, Col 1 Spaces: 4 UTF-8 CRLF Python 3.11.1 64-bit

Hujan akan ber... ENG 17:42



itera Home Practice Test Automation Tutorial Sign Up Login Search SEARCH

LOGIN

Username

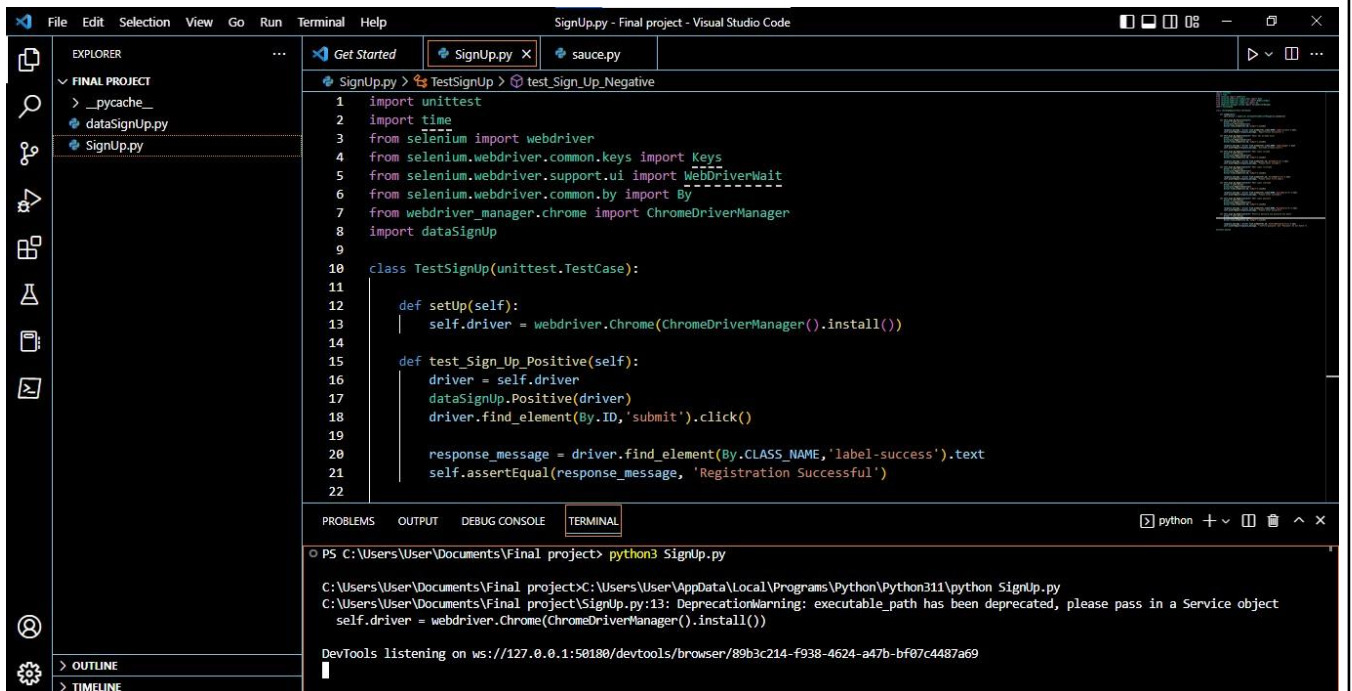
Password

[NOT REGISTERED? REGISTER HERE](#)

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Sign Up



Register new user - Testautomati

iter-a-qa.azurewebsites.net/UserRegister/NewUser

Chrome is being controlled by automated test software.

E-post

1

Mobile

1

Username

Please enter username

Password

*

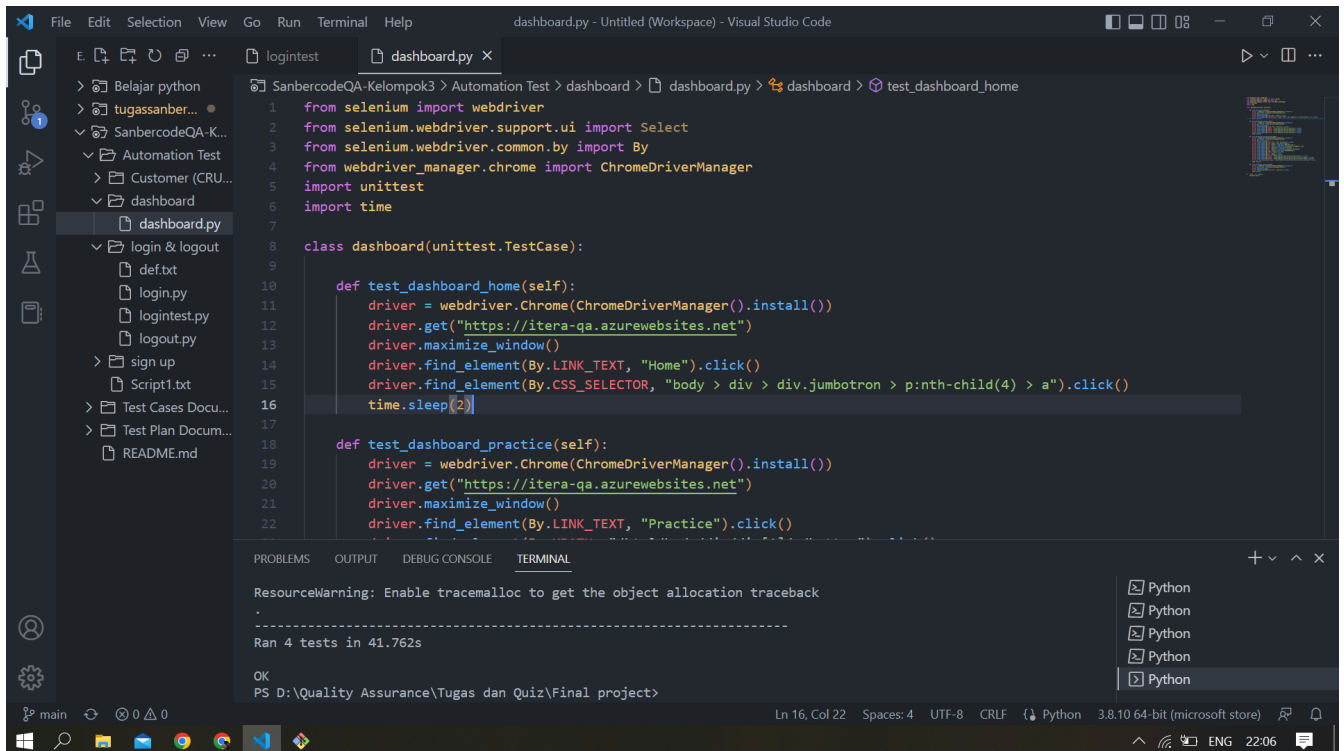
Confirm password

*

SUBMIT

© 2023 - Itera QA team

Dashboard Home

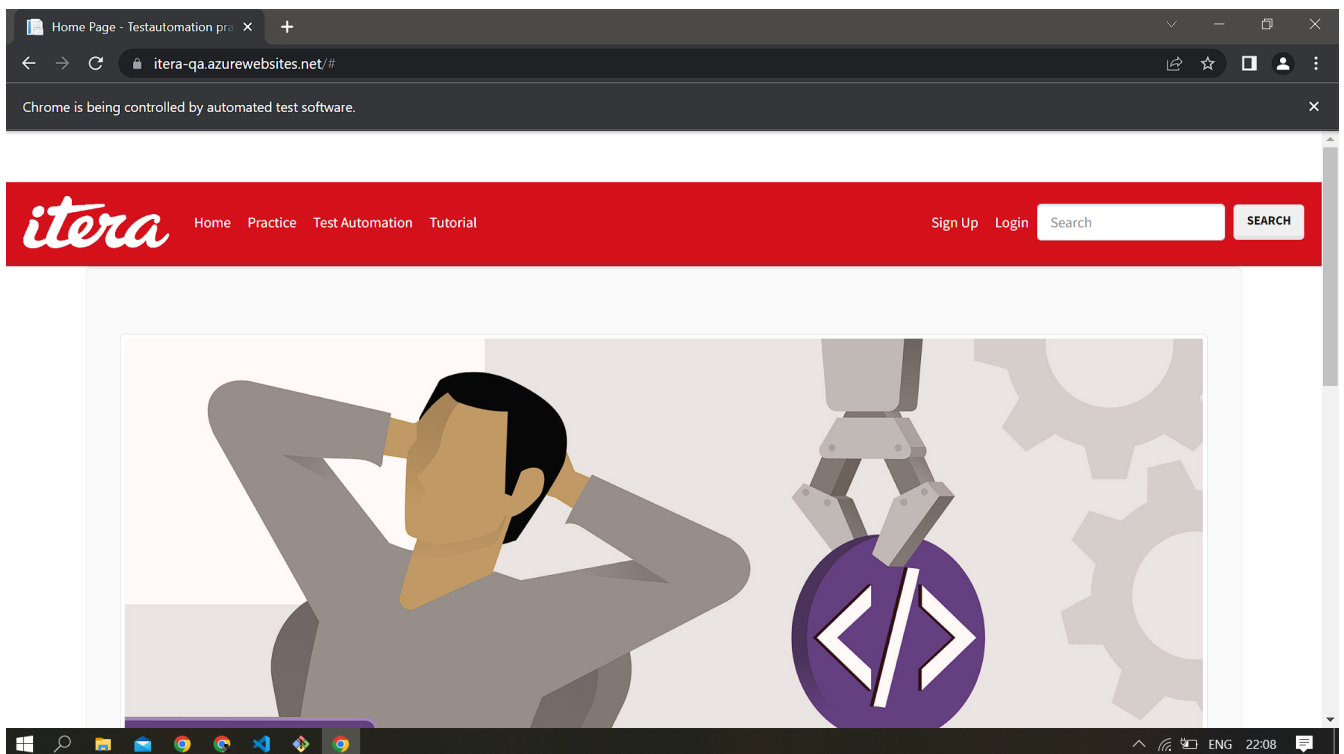


The screenshot shows the Visual Studio Code interface with a Python file named `dashboard.py` open. The code is a Selenium test script for automating a dashboard. It includes imports for Selenium WebDriver, Select, By, ChromeDriverManager, and unittest. The script defines a `dashboard` class that inherits from `unittest.TestCase`. It contains two test methods: `test_dashboard_home` and `test_dashboard_practice`. Both methods initialize a Chrome WebDriver, navigate to `https://itera-qa.azurewebsites.net`, maximize the window, and perform clicks on specific elements. The `test_dashboard_home` method clicks on the "Home" link, and the `test_dashboard_practice` method clicks on the "Practice" link. A `time.sleep(2)` is used to pause the execution. The terminal at the bottom shows the output of running the tests, indicating that all tests passed successfully.

```
1 from selenium import webdriver
2 from selenium.webdriver.support.ui import Select
3 from selenium.webdriver.common.by import By
4 from webdriver_manager.chrome import ChromeDriverManager
5 import unittest
6 import time
7
8 class dashboard(unittest.TestCase):
9
10     def test_dashboard_home(self):
11         driver = webdriver.Chrome(ChromeDriverManager().install())
12         driver.get("https://itera-qa.azurewebsites.net")
13         driver.maximize_window()
14         driver.find_element(By.LINK_TEXT, "Home").click()
15         driver.find_element(By.CSS_SELECTOR, "body > div > div.jumbotron > p:nth-child(4) > a").click()
16         time.sleep(2)
17
18     def test_dashboard_practice(self):
19         driver = webdriver.Chrome(ChromeDriverManager().install())
20         driver.get("https://itera-qa.azurewebsites.net")
21         driver.maximize_window()
22         driver.find_element(By.LINK_TEXT, "Practice").click()
```

ResourceWarning: Enable tracemalloc to get the object allocation traceback

Ran 4 tests in 41.762s
OK
PS D:\Quality Assurance\Tugas dan Quiz\Final project>



Dashboard Practice

The screenshot shows the Visual Studio Code interface with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The code editor displays a Python script named `dashboard.py` with two test functions: `test_dashboard_practice` and `test_dashboard_testautomation`. The script uses Selenium to interact with a web application at `https://itera-qa.azurewebsites.net`. The terminal shows the output of running the tests, indicating that 4 tests passed in 41.762 seconds.

```
def test_dashboard_practice(self):
    driver = webdriver.Chrome(ChromeDriverManager().install())
    driver.get("https://itera-qa.azurewebsites.net")
    driver.maximize_window()
    driver.find_element(By.LINK_TEXT, "Practice").click()
    driver.find_element(By.XPATH, "/html/body/div/div[1]/p/button").click()
    driver.find_element(By.XPATH, "/html/body/div/div[2]/p/button").click()
    driver.find_element(By.XPATH, "/html/body/div/div[3]/p/button").click()
    driver.find_element(By.XPATH, "/html/body/div/div[4]/p/button").click()
    time.sleep(2)

def test_dashboard_testautomation(self):
    driver = webdriver.Chrome(ChromeDriverManager().install())
    driver.get("https://itera-qa.azurewebsites.net")
    driver.maximize_window()
    driver.find_element(By.LINK_TEXT, "Test Automation").click()
    driver.find_element(By.ID, "name").send_keys("Cahyo")
    driver.find_element(By.ID, "phone").send_keys("082220822220 ")
    driver.find_element(By.ID, "email").send_keys("dwifebrimurcahyo@gmail.com")
    driver.find_element(By.ID, "password").send_keys("Test01")
    driver.find_element(By.ID, "address").send_keys("Kabupaten Karawang")
    driver.find_element(By.ID, "phone").send_keys("082220822220")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

ResourceWarning: Enable tracemalloc to get the object allocation traceback

Ran 4 tests in 41.762s

OK

PS D:\Quality Assurance\Tugas dan Quiz\Final project>

The screenshot shows a web browser window with the URL `itera-qa.azurewebsites.net/home/practice`. The page displays a message: "Chrome is being controlled by automated test software." Below this message, there is a section titled "4. Close browser" and a "SOLUTION" button. The solution code is a Java Selenium script that sets up a WebDriver, navigates to the specified URL, and performs various actions.

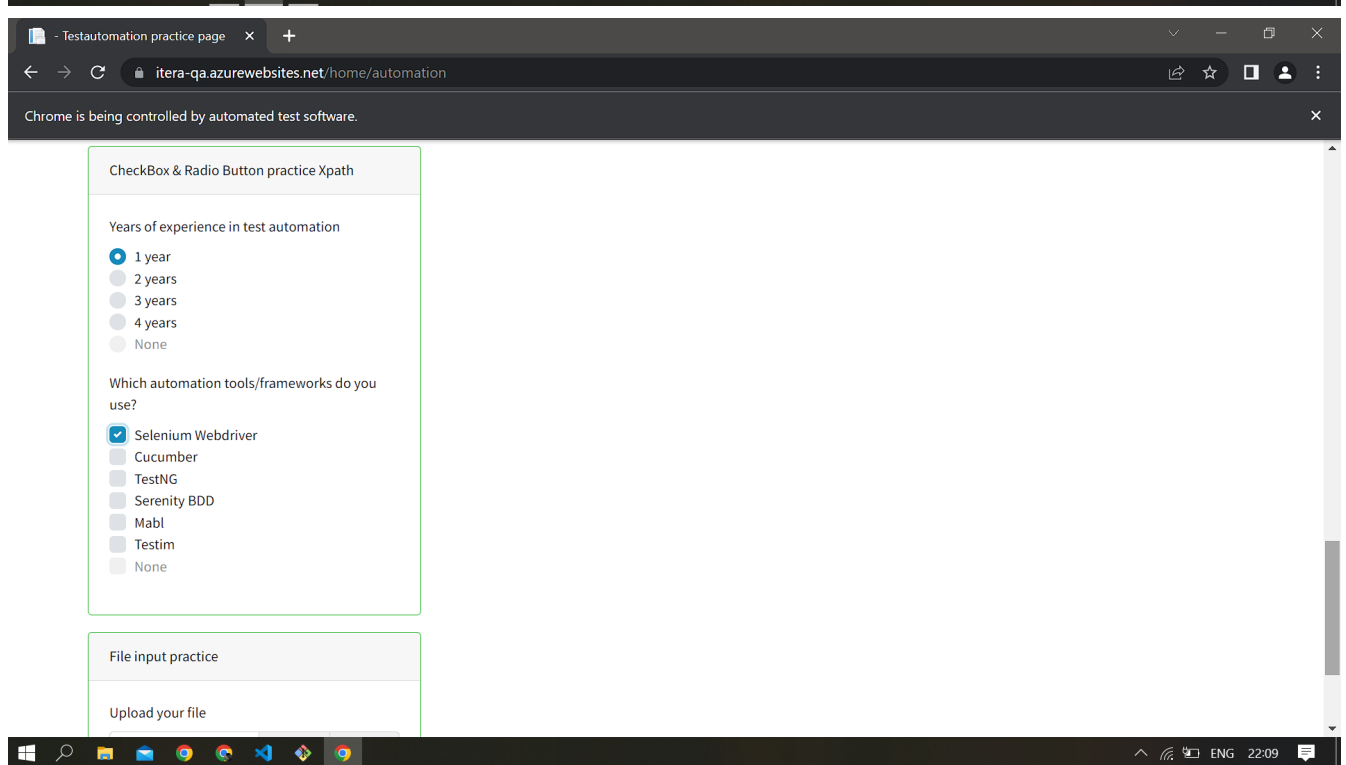
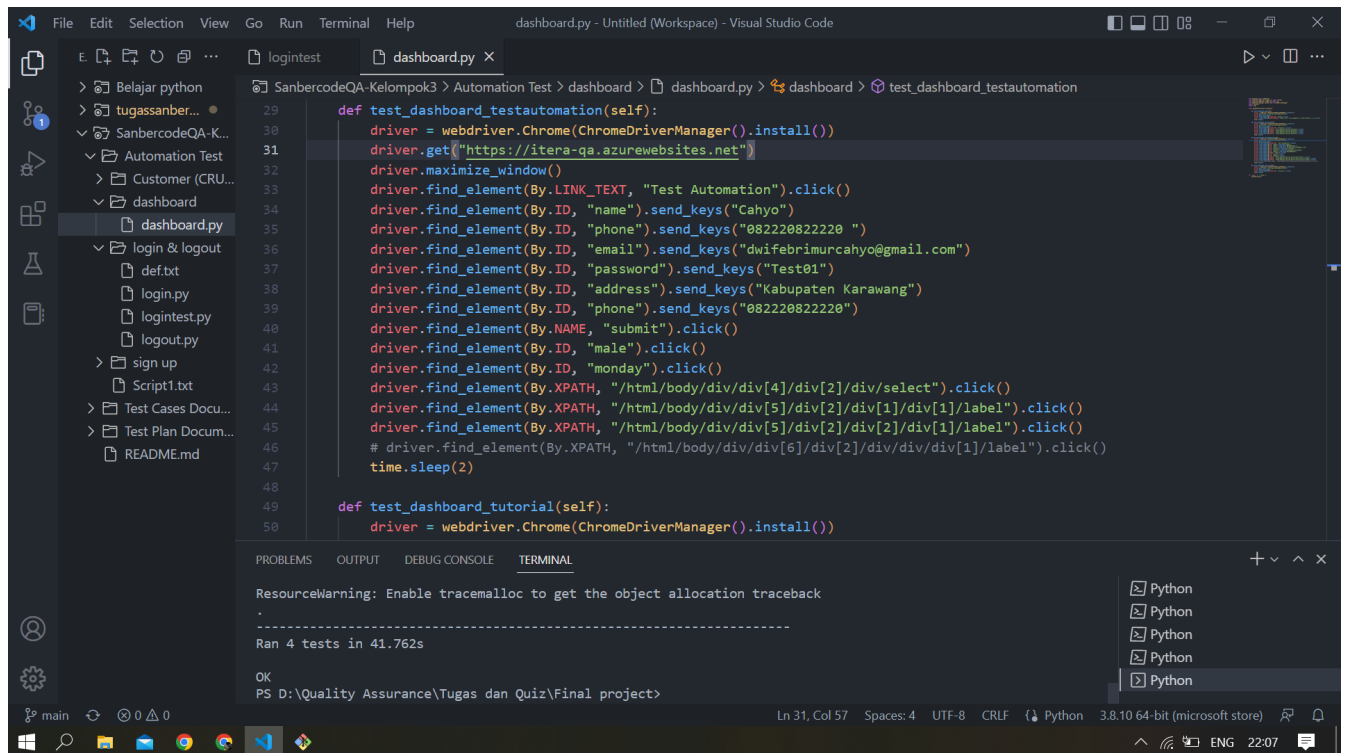
```
import org.testng.annotations.Test;
import org.testng.annotations.BeforeClass;
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;
import org.testng.annotations.AfterClass;

public class Exercise3 {
    WebDriver driver;

    @BeforeClass
    public void beforeClass() {
        driver = new ChromeDriver();
        driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
        driver.manage().window().maximize();
        driver.get("https://itera-qa.azurewebsites.net/home/automation");
    }

    @Test
```

Dashboard Test Automation



Dashboard Tutorial

The screenshot shows the Visual Studio Code interface with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The file explorer shows a project structure with folders like 'Automation Test', 'Customer (CRU...', 'dashboard', 'login & logout', 'sign up', 'Test Cases Docu...', and 'Test Plan Docum...'. The code editor displays a Python script named 'dashboard.py' with the following content:

```
49 def test_dashboard_tutorial(self):
50     driver = webdriver.Chrome(ChromeDriverManager().install())
51     driver.get("https://itera-qa.azurewebsites.net")
52     driver.maximize_window()
53     driver.find_element(By.LINK_TEXT, "Tutorial").click()
54     time.sleep(2)
55
56 if __name__ == "__main__":
57     unittest.main()
58
```

The terminal at the bottom shows the output of the script execution:

```
ResourceWarning: Enable tracemalloc to get the object allocation traceback
-----
Ran 4 tests in 41.762s
OK
PS D:\Quality Assurance\Tugas dan Quiz\Final project>
```



The screenshot shows the Itera QA website header and tutorial page content. The header is a red bar with the Itera logo on the left, navigation links (Home, Practice, Test Automation, Tutorial) in the center, and a search bar on the right. The search bar contains the text 'Sign Up Login Search' and a 'SEARCH' button. Below the header, the page title is 'Tutorial'. The main content area contains the text: 'Here will come tutorial about Test automation, Set up Webdriver with Eclipse, How to FindElement, How to use pageobject and more...'. At the bottom of the page, there is a copyright notice: '© 2023 - Itera QA team'.

Customer-Create

The screenshot shows the Visual Studio Code editor with a Selenium test script named `create_positive.py`. The script is part of a project named `FINAL_PROJECT_CRUD_SOVI`. The code defines a `setUp` method to initialize a Chrome driver and a `test_Login_Positif` method to perform a login test. The test method includes steps to open the website, maximize the window, click the login button, enter the username 'dfebri' and password 'Azura#01', click the login button, and verify the user is logged in by checking for the presence of a primary button and the name 'Alphabet'.

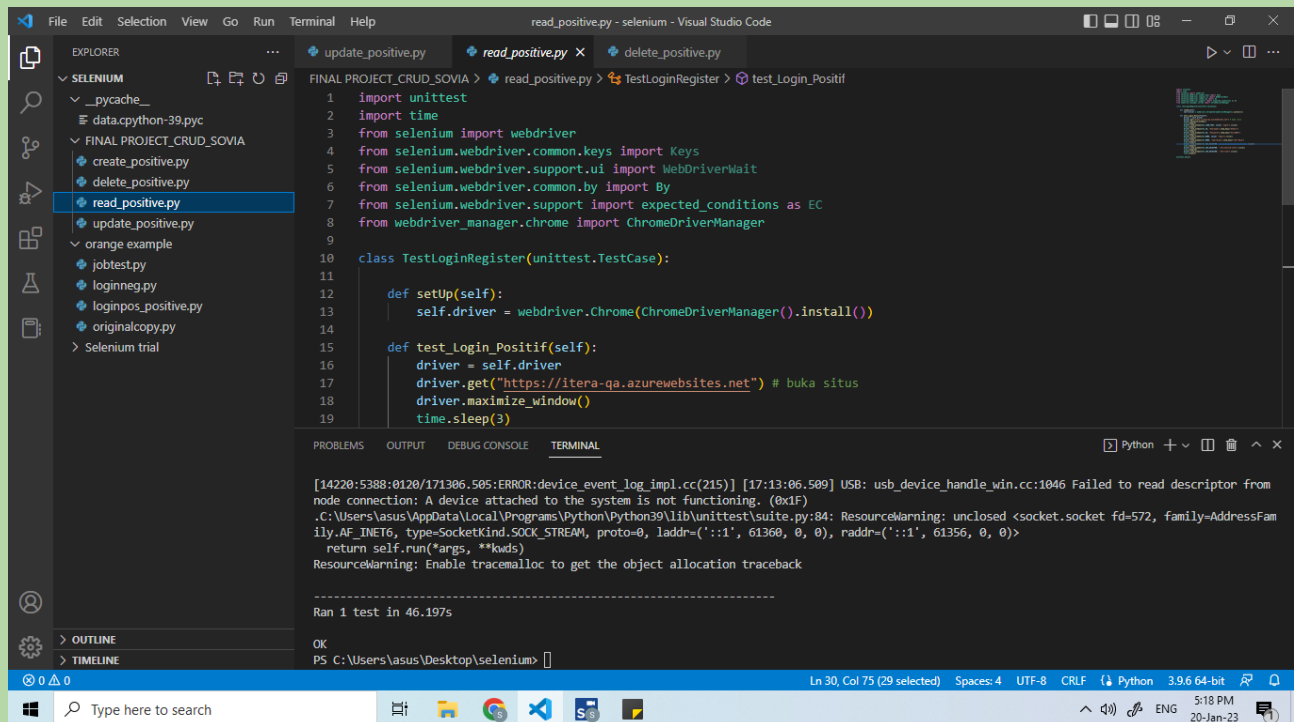
```
def setUp(self):
    self.driver = webdriver.Chrome(ChromeDriverManager().install())

def test_Login_Positif(self):
    driver = self.driver
    driver.get("https://itera-qa.azurewebsites.net") # buka situs
    driver.maximize_window()
    time.sleep(3)
    driver.find_element(By.LINK_TEXT, value= "Login").click()
    time.sleep(1)
    driver.find_element(By.ID, "Username").send_keys("dfebri")
    time.sleep(1)
    driver.find_element(By.ID, "Password").send_keys("Azura#01")
    time.sleep(1)
    driver.find_element(By.NAME, value= "login").click()
    time.sleep(5)
    driver.find_element(By.CSS_SELECTOR, ".btn-primary").click()
    driver.find_element(By.ID, "Name").send_keys("Alphabet")
    driver.find_element(By.ID, "Company").send_keys("Order")
```

The screenshot shows the dashboard of the `itera-qa.azurewebsites.net` application. The dashboard displays a welcome message for the user 'dfebri' and a section for 'Customer Details'. A 'CREATE NEW' button is visible. Below the button, there is a search bar with the text 'Alphabet' and a 'SEARCH' button. The search results show a table with customer information:

Name	Company	Address	City	Phone	Email	
Alphabet	Order	Jl Cisarangkuy 23	Bandung	0888999888	alphabetorder@gmail.com	<button>EDIT</button> <button>DETAILS</button> <button>DELETE</button>

Customer- Read



The screenshot shows the Visual Studio Code interface with a Selenium test script named `read_positive.py` open. The script uses Selenium WebDriver to interact with a web browser. The terminal output shows the test execution results, including a warning about a device connection and the successful completion of the test.

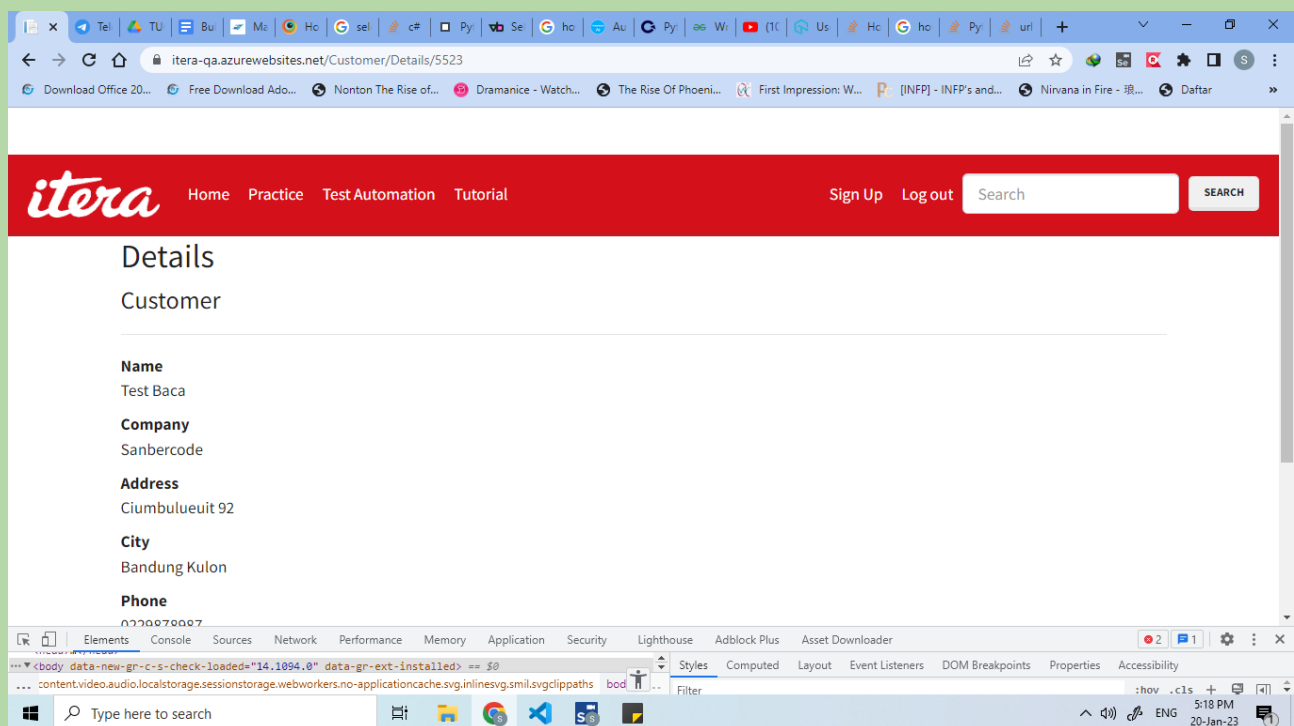
```
FINAL PROJECT_CRUD_SOVIA > read_positive.py > TestLoginRegister > test_Login_Positif
1 import unittest
2 import time
3 from selenium import webdriver
4 from selenium.webdriver.common.keys import Keys
5 from selenium.webdriver.support.ui import WebDriverWait
6 from selenium.webdriver.common.by import By
7 from selenium.webdriver.support import expected_conditions as EC
8 from webdriver_manager.chrome import ChromeDriverManager
9
10 class TestLoginRegister(unittest.TestCase):
11
12     def setUp(self):
13         self.driver = webdriver.Chrome(ChromeDriverManager().install())
14
15     def test_Login_Positif(self):
16         driver = self.driver
17         driver.get("https://itera-qa.azurewebsites.net") # buka situs
18         driver.maximize_window()
19         time.sleep(3)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

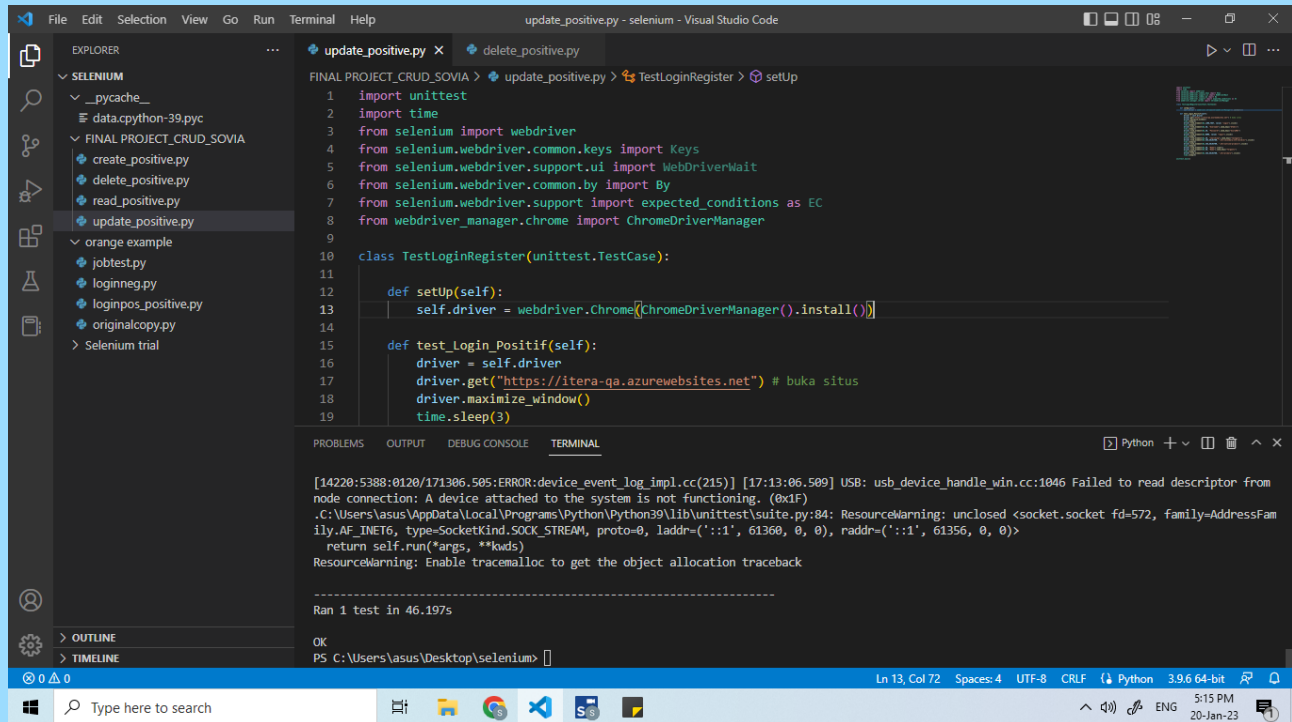
[14220:5388:0120/171306.505:ERROR:device_event_log_impl.cc(215)] [17:13:06.509] USB: usb_device_handle_win.cc:1046 Failed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
.C:\Users\asus\AppData\Local\Programs\Python\Python39\lib\unittest\suite.py:84: ResourceWarning: unclosed <socket.socket fd=572, family=AddressFamily.AF_INET6, type=SocketKind.SOCK_STREAM, proto=0, laddr=('::1', 61360, 0, 0), raddr=('::1', 61356, 0, 0)>
 return self.run(*args, **kwargs)
ResourceWarning: Enable tracemalloc to get the object allocation traceback

Ran 1 test in 46.197s

OK
PS C:\Users\asus\Desktop\selenium>



Customer- Update



The screenshot shows the Visual Studio Code editor with a Selenium test file named `update_positive.py`. The code is written in Python and uses the Selenium WebDriver to interact with a web application. The test is part of a class `TestLoginRegister` and includes a `setUp` method to initialize the driver and a `test_login_Positif` method to perform the login test. The terminal output shows the test execution details, including the URL `https://itera-q.azurewebsites.net` and the test result.

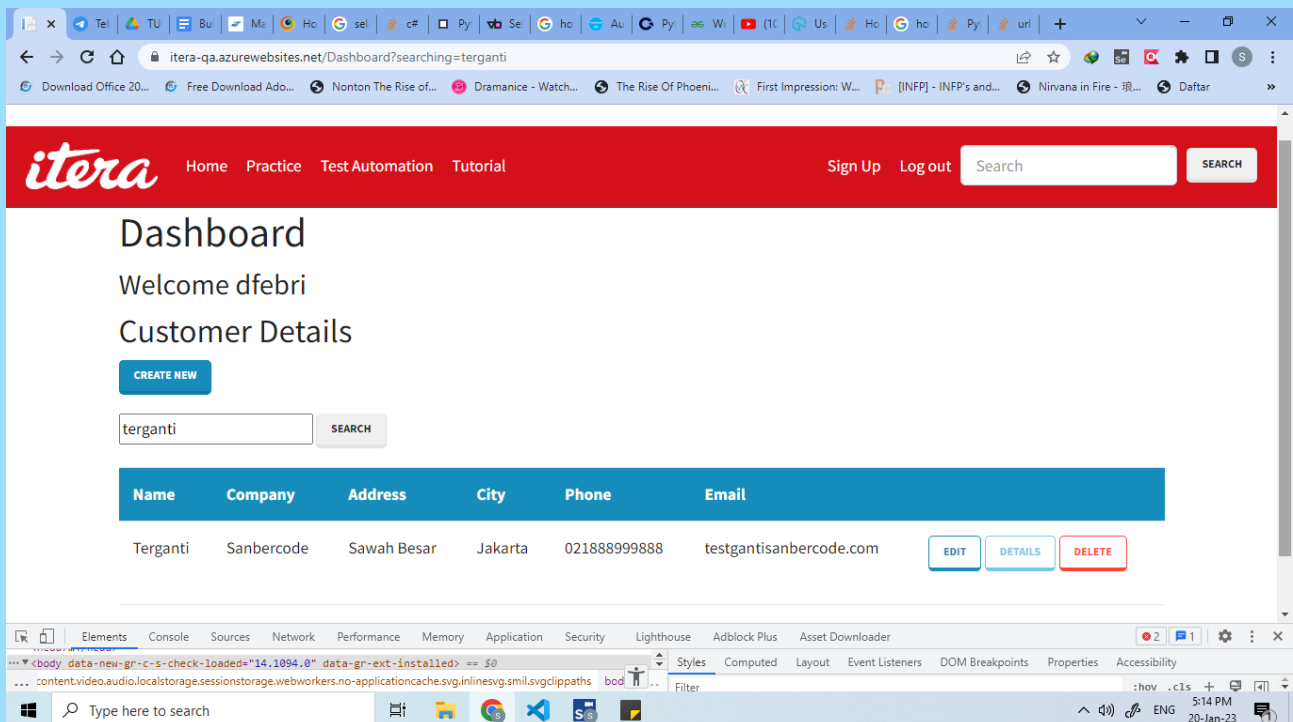
```
FINAL PROJECT_CRUD_SOVIA > update_positive.py > TestLoginRegister > setUp
1 import unittest
2 import time
3 from selenium import webdriver
4 from selenium.webdriver.common.keys import Keys
5 from selenium.webdriver.support.ui import WebDriverWait
6 from selenium.webdriver.common.by import By
7 from selenium.webdriver.support import expected_conditions as EC
8 from webdriver_manager.chrome import ChromeDriverManager
9
10 class TestLoginRegister(unittest.TestCase):
11
12     def setUp(self):
13         self.driver = webdriver.Chrome(ChromeDriverManager().install())
14
15     def test_login_Positif(self):
16         driver = self.driver
17         driver.get("https://itera-q.azurewebsites.net") # buka situs
18         driver.maximize_window()
19         time.sleep(3)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

[14220:5388:0120/171306.505:ERROR:device_event_log_impl.cc(215)] [17:13:06.509] USB: usb_device_handle_win.cc:1046 Failed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
.C:\Users\asus\AppData\Local\Programs\Python\Python39\lib\unittest\suite.py:84: ResourceWarning: unclosed <socket.socket fd=572, family=AddressFamily.AF_INET6, type=SocketKind.SOCK_STREAM, proto=0, laddr=('::1', 61360, 0, 0), raddr=('::1', 61356, 0, 0)>
return self.run(*args, **kwargs)
ResourceWarning: Enable tracemalloc to get the object allocation traceback

Ran 1 test in 46.197s

OK
PS C:\Users\asus\Desktop\selenium>



The screenshot shows the itera Dashboard interface. The header includes the itera logo, navigation links (Home, Practice, Test Automation, Tutorial), and user options (Sign Up, Log out, Search). The main content area displays the Dashboard title, a welcome message for 'dfabri', and the section 'Customer Details'. A 'CREATE NEW' button is visible. Below this, a search bar contains the text 'terganti'. A table lists customer details for 'Terganti', including Company (Sanbercode), Address (Sawah Besar), City (Jakarta), Phone (021888999888), and Email (testgantisanbercode.com). The table has buttons for 'EDIT', 'DETAILS', and 'DELETE'. The footer shows the browser's developer tools and the system clock.

itera Home Practice Test Automation Tutorial Sign Up Log out Search

Dashboard

Welcome dfabri

Customer Details

CREATE NEW

terganti SEARCH

Name	Company	Address	City	Phone	Email	
Terganti	Sanbercode	Sawah Besar	Jakarta	021888999888	testgantisanbercode.com	EDIT DETAILS DELETE

Customer- Delete

iterra

HomePracticeTest AutomationTutorial

Sign UpLog out

Search

Dashboard

Welcome dfabri

Customer Details

CREATE NEW

SEARCH

Name	Company	Address	City	Phone	Email
No Match					

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ElementsConsoleSourcesNetworkPerformanceMemoryApplicationSecurityLighthouseAdblock PlusAsset Downloader

StylesComputedLayoutEvent ListenersDOM BreakpointsPropertiesAccessibility

Type here to search

Filter

ENG5:11 PM20-Jan-23

FileEditSelectionViewGoRunTerminalHelp

delete_positive.py - selenium - Visual Studio Code

EXPLORER

SELENIUM

__pycache__

data.cpython-39.pyc

FINAL PROJECT_CRUD_SOVIA

create_positive.py

delete_positive.py

read_positive.py

update_positive.py

orange example

jobtest.py

loginneg.py

loginpos_positive.py

originalcopy.py

Selenium trial

update_positive.py

delete_positive.py

TestLoginRegister

test_Login_Positif

```
1 import unittest
2 import time
3 from selenium import webdriver
4 from selenium.webdriver.common.keys import Keys
5 from selenium.webdriver.support.ui import WebDriverWait
6 from selenium.webdriver.common.by import By
7 from selenium.webdriver.support import expected_conditions as EC
8 from webdriver_manager.chrome import ChromeDriverManager
9
10 class TestLoginRegister(unittest.TestCase):
11
12     def setUp(self):
13         self.driver = webdriver.Chrome(ChromeDriverManager().install())
14
15     def test_Login_Positif(self):
16         driver = self.driver
17         driver.get("https://itera-qa.azurewebsites.net") # buka situs
18         driver.maximize_window()
19         time.sleep(3)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
[13896:14224:0120/170503.846:ERROR:device_event_log_impl.cc(215)] [17:05:03.845] USB: usb_device_handle_win.cc:1046 Failed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
.C:\Users\asus\AppData\Local\Programs\Python\Python39\lib\unittest\suite.py:84: ResourceWarning: unclosed <socket.socket fd=536, family=AddressFamily.AF_INET6, type=SocketKind.SOCK_STREAM, proto=0, laddr=('::1', 60600, 0, 0), raddr=('::1', 60596, 0, 0)>
  return self.run(*args, **kwargs)
ResourceWarning: Enable tracemalloc to get the object allocation traceback

Ran 1 test in 41.327s

OK
PS C:\Users\asus\Desktop\selenium>
```

Ln 33, Col 76

Spaces: 4

UTF-8

CRLF

Python

3.9.6 64-bit

ENG

5:10 PM

20-Jan-23