

**STQA**  
**Practical 5**  
**Selenium Testing**

**21BCE020**

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To study and perform sample tests using Test Link Testing tool for project management, bug tracking and test management.

**Python code**

```
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

driver = webdriver.Chrome()
username = "student"
password = "Password123"
driver.get("https://practicetestautomation.com/practice-test-login/")
driver.maximize_window()
```

```
try:
    uid = WebDriverWait(driver, 10).until(
        EC.presence_of_element_located((By.ID,
'username'))
    )
    uid.send_keys(username)
    uid.send_keys(Keys.RETURN)
except Exception as e:
    print(f"Error! Invalid email or username. {e}")
```

```
try:
    pwd = WebDriverWait(driver, 10).until(
        EC.presence_of_element_located((By.ID,
'password'))
    )
    pwd.send_keys(password)
    pwd.send_keys(Keys.RETURN)
except Exception as e:
    print(f"Error! Invalid password. {e}")
```

```
try:
    submit_button = WebDriverWait(driver,
10).until(
        EC.element_to_be_clickable((By.ID,
"submit")))
    )
    submit_button.click()
    time.sleep(5)
    print(f"Page title after login:
{driver.title}")

driver.get("file:///Users/azimtheba/College/SEM_VI
I/STQA/Practicals/rac5/file.html")

except Exception as e:
    print(f"Login Error! {e}")
time.sleep(10)
driver.quit()
```

## Output

Test Login | Practice Test Automation

practicetestautomation.com/practice-test-login/

Chrome is being controlled by automated test software.

**Practice Test Automation**

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### Test login

This is a simple Login page. Students can use this page to practice writing simple positive and negative Login tests. Login functionality is something that most of the test automation engineers need to automate.

Use next credentials to execute Login:  
Username: **student**  
Password: **Password123**

Username

Password

**Submit**

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Test case 1: Positive Login test

Logged In Successfully | Practice Test Automation

practicetestautomation.com/logged-in-successfully/

Chrome is being controlled by automated test software.

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### Logged In Successfully

Congratulations student. You successfully logged in!

**Log out**

