

Lab 7 Test Cases

Test Number	Input	Expected Output	Actual Output	Pass?
1	Click on 'Subscribe to my newsletter' to get to user registration page.	Load html file "register.html"	Load html file "register.html"	True
2	Click on 'Return to home' to go back to main page.	Load html file "main.html"	Load html file "main.html"	True
3	Click on 'Already registered? Login here.' to get to user login page.	Load html file "login.html"	Load html file "login.html"	True
4	Go back to registration page and register a new user. Enter the following info: First name: Jack Last name: Sparrow Username: jsparrow Password: qweQWE123!@# Click 'Register'	Load html file "register_success.html"	Load html file "register_success.html"	True
5	Return home and then go to the user login page. Login with the username and password that you created in step 4. Click login.	Load html file "login_success.html"	Load html file "login_success.html"	True
6	While on the "login_success" page, click Logout. Then, in the URL of the web browser, set the URL from "/login" to "/login_success" to attempt to get back to the logged in page.	Since you already logged out, you will get a message saying "you are not logged in".	Since you already logged out, you will get a message saying "you are not logged in".	True

Test 1:



Subscribe to my newsletter!

[Already registered? Login here.](#)

ncer. Despite her love for others and the selfless way she strove to make everyone else's lives better, she failed to take care of her own body and health. This was the first r
efits immediately. My energy levels soared, my bloating and constipation all but vanished, I began to shed the excess body fat, and my overall mood and happiness improv
felt like I needed a nap, to having high energy throughout the day. So what exactly do I eat? Click the button below to find out!

Loads registration page:

Welcome, new user!

[Already registered? Login here.](#)



First name:

Last name:

Username:

Password:

Register

Return to home

Password must be at least 12 characters in length, and include at least 1 uppercase character, 1 lowercase character, 1 number and 1 special character

Test 2:

Welcome, new user!

[Already registered? Login here.](#)



First name:

Last name:

Username:

Password:

Register

Return to home

Password must be at least 12 characters in length, and include at least 1 uppercase character, 1 lowercase character, 1 number and 1 special character

Takes you back to main page:

Why I stopped consuming animal products.



Subscribe to my newsletter!

[Already registered? Login here.](#)

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:ly. My energy levels soared, my bloating and constipation all but vanished. I began to shed the excess body fat, and my overall mood and happiness

Test 3:

Why I stopped consuming animal products.



Subscribe to my newsletter!

[Already registered? Login here.](#)

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:ly. My energy levels soared, my bloating and constipation all but vanished. I began to shed the excess body fat, and my overall mood and happiness

Takes you to login page:

Welcome, returning user!

[New user? Register here.](#)



Username:

Password:

Login

Return to home

Test 4:



Registration success!

[Return to home](#)

Test 5:



Login success!

[Return to home](#)

[Logout](#)

Test 6:

127.0.0.1:5000/login_success

You are not logged in.

Pylint results:

Just a few minor issues with my Pylint score. On the lines too long warnings, I needed the room to write return statements where HTML was being rendered, so the length was necessary. The variable `user_sess` is not a constant and so should not be uppercase.

On lines 51 and 62, the `ELIF` statement and return statements are necessary because it is going through a series of checks to make sure the password requirement is up to standard, and the program has a return statement rendering HTML if the password is inadequate.

For lines 74 and 98, I decided to keep the variable `f` for opening the file because it is common practice to use this variable when opening and reading/writing files in Python.

```
***** Module login_website
login_website.py:67:0: C0301: Line too long (104/100) (line-too-long)
login_website.py:69:0: C0301: Line too long (104/100) (line-too-long)
login_website.py:71:0: C0301: Line too long (102/100) (line-too-long)
login_website.py:75:0: C0301: Line too long (102/100) (line-too-long)
login_website.py:133:0: C0301: Line too long (102/100) (line-too-long)
login_website.py:36:0: C0103: Constant name "user_sess" doesn't conform to UPPER_CASE naming style (invalid-name)
login_website.py:62:8: R1705: Unnecessary "elif" after "return" (no-else-return)
login_website.py:74:45: C0103: Variable name "f" doesn't conform to snake_case naming style (invalid-name)
login_website.py:51:0: R0911: Too many return statements (7/6) (too-many-return-statements)
login_website.py:98:41: C0103: Variable name "f" doesn't conform to snake_case naming style (invalid-name)
```

Your code has been rated at 8.48/10 (previous run: 8.18/10, +0.30)

Error handling:

Test 1:

Click login while username is blank:

Welcome, returning user!

[New user? Register here.](#)



Username:

Password:

Please fill out this field.

Login

Return to home

Test 2:

Click login while password is blank:

Welcome, returning user!

[New user? Register here.](#)



Username:

Password:

Please fill out this field.

Return to home

Test 3:

Login with invalid credentials:

[New user? Register here.](#)



Username:

Password:

Login

Return to home

Wrong username or password

Test 4:

Click register while first name is blank:



First name:

Last name:

Username:

Password:

Register

Return to home

at least 12 characters in length, and include at least 1 uppercase character, 1 lowercase character, 1 num

Test 5:

Click register while last name is blank:



First name:

Last name:

Username:

Password:

[Return to home](#)

at least 12 characters in length, and include at least 1 uppercase character, 1 lowercase character, 1

Test 6:

Click register while username is blank:



First name:

Last name:

Username:

Password:

[Return to home](#)

rd must be at least 12 characters in length, and include at least 1 uppercase character, 1 lowercase character, 1 number and 1 speci

Test 7:

Click register while password is blank:



First name:

Last name:

Username:

Password:

Please fill out this field.

[Return to home](#)

Test 8:

Enter password that is less than 12 characters:

Password must be 12 or more characters in length.

Test 9:

Enter password that does not contain at least 1 uppercase letter:

Password must contain at least 1 uppercase character!

Test 10:

Enter password that does not contain at least 1 lowercase letter:

Password must contain at least 1 lowercase character!

Test 11:

Enter password that does not contain at least 1 special character:

Password must contain at least 1 special character!