

Selenium Exercices

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Agenda

➤ Exercice 1

- Login to saucedemo.com
- Check that user is logged

➤ Exercice 2

- Login and check no duplicated Products

➤ Exercice 3

- Login and check no duplicated Images

➤ Exercice 4

- Login to saucedemo.com
- Add a product to cart
- Check product is well added

➤ Exercice 5

- Login to saucedemo.com
- Add a product to cart
- Remove the Product from cart
- Check product is well removed

Exercice 1 Correction

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By
import time

# chemin vers le driver
driver_path = r "C:\chromedriver.exe"

driver = webdriver.Chrome(driver_path)
driver.get("http://www.saucedemo.com")

assert "Swag Labs" in driver.title

elem = driver.find_element(By.NAME, "user-name")
elem.clear()
elem.send_keys("standard_user")

elem2 = driver.find_element(By.NAME, "password")
elem2.clear()
elem2.send_keys("secret_sauce1")

# Envoyer le formulaire de connexion
login_button = driver.find_element("css selector", "#login-button")
login_button.click()
time.sleep(5)

assert "Login" not in driver.page_source
driver.close()
```


Exercice 2 Correction

```
# Vérifier que les produits ne sont pas dupliqués
products = driver.find_elements(By.CLASS_NAME, "inventory_item_name")
product_names = [product.text for product in products]
assert len(product_names) == len(set(product_names))

# Ferme le navigateur
driver.quit()
```

Exercice 3 Correction

```
# Vérifie la liste des images de produits
wait.until(EC.presence_of_element_located((By.CLASS_NAME, "inventory_item_img")))
products_images = driver.find_elements(By.CLASS_NAME, "inventory_item_img")
images_list = []
for image in products_images:
    images_list.append(image.get_attribute('src'))
print(images_list)
# Vérifie si la liste des images de produits n'est pas dupliquée
assert len(images_list) == len(set(images_list)), "La liste des images de produits est
dupliquée."
```

Exercice 4 Correction

```
# Ajoute un produit au panier

add_to_cart_button = wait.until(EC.presence_of_element_located((By.ID, "add-to-cart-sauce-labs-backpack")))

add_to_cart_button.click()

# Vérifie que le produit a été ajouté au panier

remove_button = wait.until(EC.presence_of_element_located((By.ID, "remove-sauce-labs-backpack")))

assert remove_button.text == "REMOVE", "Le produit n'a pas été ajouté au panier avec succès."
```