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JupyterLab 🗨 🛠 Web Scrapin

```
import logging

logging.basicConfig(level=logging.INFO, filename="test.log",
                    format="%(asctime)s - %(levelname)s - %(message)s")

logging.info("Script started successfully.")
logging.error("Something went wrong.")
```

## 4.2. Capture Screenshots on Failure

- Use `save_screenshot()` to capture the browser view when an error occurs

```
try:
    # test action
    driver.find_element(By.ID, "wrong_id").click()
except Exception as e:
    driver.save_screenshot("error_screenshot.png")
    print(f"❌ Error captured: {e}")
```

## 4.3. Use Developer Tools in Browser

- Press `F12` or right-click → **Inspect**
- Helps identify:
  - Element locators (ID, class, XPath, etc.)
  - Dynamic content or AJAX elements
  - JavaScript-driven UI changes
- Essential for writing reliable locators



# 6. Security Considerations

## 6.1. Secure Sensitive Data:

- Avoid exposing credentials directly in scripts