

### ### 1. filters.test.ts

#### \*\*Purpose:\*\*

The script tests the functionality of applying brand filters on Amazon's search results page.

#### \*\*Key Actions:\*\*

- Navigates to Amazon's homepage.
- Searches for the term "shoes".
- Waits for the search results to load.
- Applies the "Puma" and "Adidas" brand filters.
- Verifies that the filters are applied correctly.

#### \*\*Details:\*\*

- Uses Playwright for browser automation.
- Logs HTML of the sidebar for debugging.
- Increases timeouts to handle network delays.
- Verifies the application of filters by checking the page elements

### ### 2. product-details.test.ts

#### \*\*Purpose:\*\*

The script tests the functionality of viewing product details and adding a product to the cart on Amazon.

#### \*\*Key Actions:\*\*

- Navigates to Amazon's homepage.
- Searches for the term "laptop".
- Clicks on the first product in the search results.
- Verifies the product details page is loaded.
- Adds the product to the cart.
- Verifies the product is added to the cart.

#### \*\*Details:\*\*

- Uses Playwright for browser automation
- Handles various page elements and actions.
- Increases timeouts to ensure actions are completed successfully.

### ### 3. search.test.ts \*\*Purpose:\*\*

The script tests the search functionality on Amazon's homepage.

#### \*\*Key Actions:\*\*

- Navigates to Amazon's homepage. - Searches for the term "shoes".
- Verifies the page title contains "Amazon".
- Waits for search results to load.
- Verifies that search results contain the keyword "shoe".

#### \*\*Details:\*\*

- Uses Playwright for browser automation.
- Checks visibility and content of search results.
- Logs the number of search results and their titles.