

```
"""
Test Script for Interacting with Standard <select> Dropdown on Wikipedia.
```

```
This script contains three tests demonstrating how to select dropdown
options
by index, value, and visible text using Playwright and Pytest.
```

```
Target URL: https://www.wikipedia.org/
"""
```

```
import pytest
```

```
@pytest.mark.dropdown
```

```
def test_select_by_index(page):
```

```
    """
    Selects an option from the language dropdown by index.
    Index is 0-based. This test selects the 6th item (index=5).
    """
```

```
    print("\n\u2014 Start Test: test_select_by_index")
```

```
    page.goto("https://www.wikipedia.org/")
```

```
    # Count all dropdown options
    total_options = page.locator("select#searchLanguage option")
    print("\u2014 Total options in dropdown:", total_options.count())
```

```
    # Select the 6th option using index
    dropdown = page.locator("select#searchLanguage")
    dropdown.select_option(index=5)
```

```
    # Wait for observation (not needed in real automation)
    page.wait_for_timeout(5000)
```

```
    print("\u2014 End Test: test_select_by_index")
```

```
@pytest.mark.dropdown
```

```
def test_select_by_value(page):
```

```
    """
    Selects the French language ('fr') using the 'value' attribute of the
    option.
    """
```

```
    print("\n\u2014 Start Test: test_select_by_value")
```

```
    page.goto("https://www.wikipedia.org/")
```

```
    # Select French using value="fr"
    dropdown = page.locator("select#searchLanguage")
    dropdown.select_option(value="fr")
```

```
    page.wait_for_timeout(5000)
```

```
    print("\u2014 End Test: test_select_by_value")
```

```

@pytest.mark.dropdown
def test_select_by_label(page):
    """
    Selects the Slovak language by its visible label "Slovenčina".
    """
    print("\n Start Test: test_select_by_label")

    page.goto("https://www.wikipedia.org/")

    # Select using visible text/label
    dropdown = page.locator("select#searchLanguage")
    dropdown.select_option(label="Slovenčina")

    page.wait_for_timeout(5000)

    print("\n End Test: test_select_by_label")

```