**Test Case 1:** Valid Location Search

**Description:** This test case verifies that the temperature can be successfully searched for a valid location.

**Test Steps:**

1. Launch the web application.

2. Clear the temperature input field.

3. Enter "Bapatla" in the temperature input field.

4. Wait for 1 second.

5. Click the search button.

6. Wait for 1 second.

7. Refresh the page.

**Expected Results:**

- The temperature for the location "Bapatla" is displayed on the page after the search.

- The page is successfully refreshed.

**Test Case 2:** Valid City Search

**Description:** This test case verifies that the temperature can be successfully searched for a valid city.

**Test Steps:**

1. Launch the web application.

2. Clear the temperature input field.

3. Enter "Guntur" in the temperature input field.

4. Wait for 1 second.

5. Click the search button.

6. Wait for 1 second.

7. Refresh the page.

**Expected Results:**

- The temperature for the city "Guntur" is displayed on the page after the search.

- The page is successfully refreshed.

**Test Case 3:** Invalid ZIP Code Search

**Description:** This test case verifies the behavior when an invalid ZIP code is entered for the temperature search.

**Test Steps:**

1. Launch the web application.

2. Clear the temperature input field.

3. Enter "534341" in the temperature input field.

4. Wait for 1 second.

5. Click the search button.

6. Wait for 1 second.

7. Refresh the page.

**Expected Results:**

- The search results indicate that the entered ZIP code is invalid.

- The page is successfully refreshed.

**Test Case 4:** Empty Temperature Input Search

**Description:** This test case verifies the behavior when the temperature input field is empty.

**Test Steps:**

1. Launch the web application.

2. Clear the temperature input field.

3. Enter "000000" in the temperature input field.

4. Wait for 1 second.

5. Click the search button.

6. Wait for 1 second.

7. Refresh the page.

**Expected Results:**

- The search results indicate that the temperature input field is empty.

- The page is successfully refreshed.