**Web Element Locators**

We Have 6 types of web element locators

1. ID
2. Name
3. Class
4. Name
5. Css-Selector
6. XPaths

**ID:**

ID are the simplest, faster and best locators on HTML DOM.

**Element on Web Page**

*<input id="search\_form\_input\_homepage" class="js-search-input search\_\_input--adv" type="text" autocomplete="off" name="q" tabindex="1" value="" autocapitalize="off" autocorrect="off" placeholder="Search the web without being tracked">*

**ID Locator:**

#search\_form\_input\_homepage

**Name:**

Name are also simplest and fastest locators on web pages.

**Element on Web Page**

*<input id="search\_form\_input\_homepage" class="js-search-input search\_\_input--adv" type="text" autocomplete="off" name="q" tabindex="1" value="" autocapitalize="off" autocorrect="off" placeholder="Search the web without being tracked">*

**Name Locator:**

#q -> *which is Name attribute*

**Class:**

Class is also simplest and fastest way to locate an element on web page.

**Element on Web page**

*<input id="search\_form\_input\_homepage" class="js-search-input search\_\_input--adv" type="text" autocomplete="off" name="q" tabindex="1" value="" autocapitalize="off" autocorrect="off" placeholder="Search the web without being tracked">*

Class Locator:

#js-search-input search\_input--adv *-> class name are not unique we use this to get list of elements*