### **Homework: WebElements XPATHS**

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| --- | --- | --- |
| WebElement | XPATH | Tag |
| Main Page Text |  | <h1 class="h1-mktg color-text-white mb-3 position-relative z-2"> Where the world builds software </h1> |
| Search GitHub |  | <input type="text" class="form-control input-sm header-search-input jump-to-field js-jump-to-field js-site-search-focus" data-hotkey="s,/" name="q" data-test-selector="nav-search-input" placeholder="Search GitHub" data-unscoped-placeholder="Search GitHub" data-scoped-placeholder="Search" autocapitalize="off" role="combobox" aria-haspopup="listbox" aria-expanded="false" aria-autocomplete="list" aria-controls="jump-to-results" aria-label="Search GitHub" data-jump-to-suggestions-path="/\_graphql/GetSuggestedNavigationDestinations" spellcheck="false" autocomplete="off"> |
| “Sign In” button |  | below |
| “Sign Up” button |  | below |
| Email input field |  | <input class="form-control border-0 f4-mktg py-3 px-4 width-full" style="height: 3rem" placeholder="Email address" type="email" name="user\_email" id="user\_email" autocomplete="off" spellcheck="false"> |
| “SignUp for GitHub” button |  | <button class="btn-mktg width-full width-sm-auto btn-signup-mktg" data-analytics-event="{&quot;category&quot;:&quot;Sign up&quot;,&quot;action&quot;:&quot;click to sign up for account&quot;,&quot;label&quot;:&quot;ref\_page:/;ref\_cta:Sign up for GitHub;ref\_loc:hero launchpad&quot;}" type="submit">  Sign up for GitHub      </button> |

“Sign In” button Tag- <a href="/login" class="HeaderMenu-link flex-shrink-0 no-underline" data-hydro-click="{&quot;event\_type&quot;:&quot;authentication.click&quot;,&quot;payload&quot;:{&quot;location\_in\_page&quot;:&quot;site header menu&quot;,&quot;repository\_id&quot;:null,&quot;auth\_type&quot;:&quot;SIGN\_UP&quot;,&quot;originating\_url&quot;:&quot;https://github.com/&quot;,&quot;user\_id&quot;:null}}" data-hydro-click-hmac="cd4f672ed9a2fa51ea92c28de162e81edb2d11a2aad6884ec89a6d60b21b1cfb" data-ga-click="(Logged out) Header, clicked Sign in, text:sign-in">

Sign in

</a>

“Sighn Up” button Tag

<a href="/signup?ref\_cta=Sign+up&amp;ref\_loc=header+logged+out&amp;ref\_page=%2F&amp;source=header-home" class="HeaderMenu-link flex-shrink-0 d-inline-block no-underline border color-border-default rounded px-2 py-1" data-hydro-click="{&quot;event\_type&quot;:&quot;authentication.click&quot;,&quot;payload&quot;:{&quot;location\_in\_page&quot;:&quot;site header menu&quot;,&quot;repository\_id&quot;:null,&quot;auth\_type&quot;:&quot;SIGN\_UP&quot;,&quot;originating\_url&quot;:&quot;https://github.com/&quot;,&quot;user\_id&quot;:null}}" data-hydro-click-hmac="cd4f672ed9a2fa51ea92c28de162e81edb2d11a2aad6884ec89a6d60b21b1cfb" data-analytics-event="{&quot;category&quot;:&quot;Sign up&quot;,&quot;action&quot;:&quot;click to sign up for account&quot;,&quot;label&quot;:&quot;ref\_page:/;ref\_cta:Sign up;ref\_loc:header logged out&quot;}">

Sign up

</a>

Relative XPATH:

Main Page Text //h1[@class="h1-mktg color-text-white mb-3 position-relative z-2"]

Search GitHub //input[@class=”form-control input-sm header-search-input jump-to-field js-jump-to-field js-site-search-focus"]

“Sign In” button //a[@class="HeaderMenu-link flex-shrink-0 no-underline"]

“Sign Up” button

//a[@class="HeaderMenu-link flex-shrink-0 d-inline-block no-underline border color-border-default rounded px-2 py-1"]

Email input field //input[@class="form-control border-0 f4-mktg py-3 px-4 width-full"]

“Sign Up for GitHub” button //button[@class="btn-mktg width-full width-sm-auto btn-signup-mktg"]