Getting Started

chromedriver exe does not come w/ Selenium; easy to just google and download

```
In [1]: | from selenium import webdriver
          path_to_chromedriver = '../src/chromedriver.exe'
          browser = webdriver.Chrome(path_to_chromedriver)
          url_requires_http = 'https://www.google.com'
          browser.get(url_requires_http)
                                                                                                                <input class="gsfi" id="lst-ib" maxlength="2048"
name="q" autocomplete="off" title="Search" type=
"text" value aria-label="Search" aria-haspopup=</pre>
                                                                                                                "false" role="combobox" aria-autocomplete="list"
"ltr" spellcheck="false" style="border: none;
                                                                                                                padding: 0px; margin: 0px; height: auto; width:
background: url("data:image/gif;
                                                                                                                base64,R0lGoDlhAQABAID/
AMDAWAAAACH5BAEAAAAALAAAAAABAAEAAAICRAEAOw%3D%3D
                                                                                                                 transparent; position: absolute; z-index: 6; lef
                                                      CSS Selector
                                                                                                                0px; outline: none;">
                                                                                        html body#gsr.hp.vasq
                                                                                         Styles Event Listeners
                                                                                                          DOM Breakpoints | Properties | Accessibility
                                                                                         ▶ body#gsr.hp.vasq
                                                                                          HTMLBodyElem
                                                                                        ▶ HTMLElement
                                                                                         ▶ Element
                                                                                        ▶ Node
                                       Google Search
                                                         I'm Feeling Lucky
                                                                                        ▶ EventTarget
          css selector = tag#id.class[attribute=value]
In [2]: search_bar = browser.find_element_by_css_selector("input#lst-ib.gsfi[title = 'Search']")
          search_bar.send_keys('text')
          search_bar.submit()
          # or browser.find_element_by_css_selector("input[value='Google Search']").click()
In [3]: | ## /: selects fr the root node ; '/head' does NOT work, '/html/head' works
          ## .//: select fr current node
          abs_path = 'html/head'
          relative_path = './/head'
          list_of_elems_in_node = browser.find_elements_by_xpath(relative_path)
         find_element vs find_elementS
In [4]: first_elem = browser.find_element_by_xpath(relative_path)
In [5]: | divs_elems_in_first_elem = first_elem.find_elements_by_xpath('.//div')
In [6]: | from selenium.webdriver.common.keys import Keys
          def open_new_tab(anchor_elem):
              anchor_elem.send_keys(Keys.CONTROL + Keys.RETURN)
          open_windows_tabs = browser.window_handles
          newest_window_tab = open_windows_tabs[-1]
          browser.switch_to_window(newest_window_tab)
In [7]: browser.current_url; browser.page_source; browser.window_handles;
In [8]: def show_attr(elements):
               for e in elements:
                   attr = ['class', 'name', 'id', 'title']
                   for i, attr in enumerate(attr):
                        print(i)
                        print(attr, '=', e.get_attribute(attr))
               text_btwn_tags = e.text; print(text_btwn_tags)
```