Chrome →

WebDriver →

Sel version →

Chrome driver →

Parent / Interface / Abst class   complex Object

WebDriver   driver   =   new Chromedriver();

↓   ↓   ↓   ↓
Interface   interface   keyword   class.
              ref.

Chromedriver   driver   =   new chromedriver();

Interface ? Multiple Inheritance
New features of features ?

```
Interface I, {                      Class child implements I, {
    int a = 10;                              int a = 20;        m3()&
    public static void m1() {        public void m2() {            }
                                         main() {
        "m1                         
    }                               I, i = new child();
    public void m2();
                                         }
}
```

properties/variables   +   overridden method

Methods   of child

                                          class

WebDriver   WebDriver = new ChromeDriver();
                                        ↓
                                        X

I

findElement()   SearchContext (Parent Interface)
find Elements ()   ↑ extends

← WebDriver → Child Interface
                 ↓
              get ()
              Sendkeys () click()

Imp

Locators in Selenium
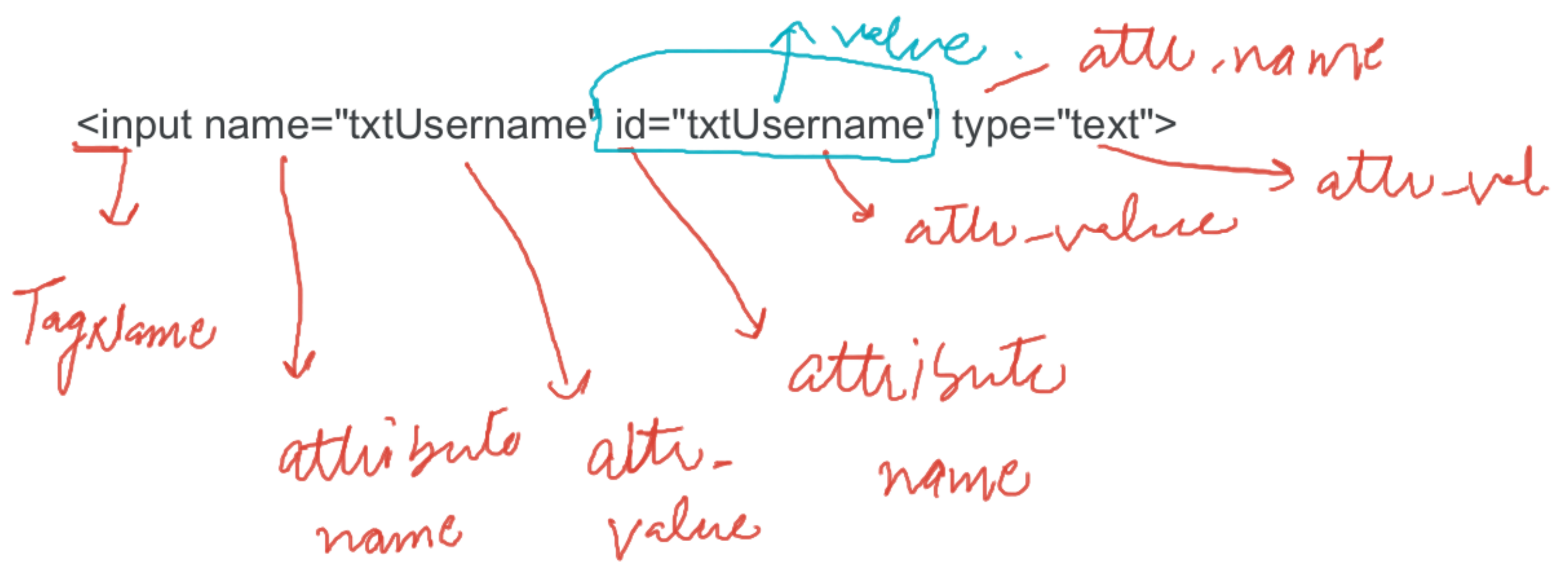
→ ✓ id ────→ ①   ──→ className

──→ name →②   ──→ TagName →

──→ ✓ link Text   ] ⟨a⟩ Links   ⟨a⟩

→✓ partial link Text]

→ xpath ────────→ } ①

→ cssSelector ────→

`<input name="txtUsername" id="txtUsername" type="text">`

↑ value → attr.name

TagName

attribute
name

attr-
value

attribute
name

attr-value

attr-val

① **Id Locator →**

driver.findElement(By.id("txtUsername")).SendKeys("admin");

```
(2) driver.findElement (By.id("txtPassword")).
                        SendKeys("admin123");

# driver.findElement (By.name("  ")).
                      SendKeys("  ");
```

(III) Links Text → use only for links

tag → <a>

Link Text

`<a href="/index.php/auth/requestPasswordResetCode">Forgot your password?</a>`

`<a href="http://www.orangehrm.com" target="_blank">OrangeHRM, Inc</a>`

Link Text

PartialLink Text

Forgot password

```html
<a href="/index.php/auth/requestPasswordResetCode">Forgot your password?</a>

<a href="http://www.orangehrm.com" target="_blank">OrangeHRM, Inc</a>
```