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| **Locator** | **Description** | **Syntax (in Java)** |
| ID | Identify the WebElement using the *ID* attribute | driver.findElement(By.id(“buttonDiv”));  driver.findElement(By.id(“signup-form”));  driver.findElement(By.id(“name”));  driver.findElement(By.id(“email”));  driver.findElement(By.id(“mobile-sign”)); |
| ClassName | Use the *Class* attribute for identifying the object | driver.findElement(By.className(“S9gUrf-YoZ4jf”));  driver.findElement(By.className(“email-line”));  driver.findElement(By.className(“form-control”));  driver.findElement(By.className(“certificates”));  driver.findElement(By.className(“invalid-feedback”));  driver.findElement(By.className(“form-control password-err”)); |
| TagName | Use the TagName to locate the desired WebElement | driver.findElement(By.tagName(“a”));  driver.findElement(By.tagName(“label”));  driver.findElement(By.tagName(“input”));  driver.findElement(By.tagName(“button”)); |
| CssSelector | CSS used to create style rules in web page is leveraged to locate the desired WebElement | driver.findElement(By.*cssSelector*(".form-control"));  driver.findElement(By.*cssSelector*(“#sign-in-page "));  driver.findElement(By.*cssSelector*(".mobile-h1")); |
| XPath | Use XPath to locate the WebElement | driver.findElement(By.xpath("//a[@class='nav-link btn btn-primary text-white px-4']"));  driver.findElement(By.xpath(“//input[@id="email"]);  driver.findElement(By.xpath(“//input[@id="password"]);  driver.findElement(By.xpath(“//input[@class="signup-btn"]); |