# Types of locators:

* Xpath
* Css
* ID
* Name
* class

# XPATH Locator With Tag Name

*Syntax:* //tagname[attribute=value]

*Example*: //input[@name = ‘email’]

# XPATH Locator Without Tag Name

Replace tag name with asterisk (\*) sign

*Syntax:* //\*[attribute=value]

*Example*: //\*[@name = ‘email’]

# Generating XPATH With Contains

*Syntax:*  //tagname[contains(text(), ‘actual-text’)]

*Example*: //span[contains(text(),'Users Info')]

# Generating XPATH With Text()

*Syntax:*  //tagname[contains(text(), ‘actual-text’)]

*Example*: //\*[text()=’Users Info')]

# Creating XPATH by traversing tags

*Syntax:* ParentTag/ChildTag

*Example:* //div[@class='product-action']/button

# Customized CSS Selector Syntax Without Tag Name

Remove tag name

*Syntax*: [attribute=value]

*Example*: [class\*=‘alert-succes’]

# Creating a CSS Selector by traversing to nth child

*Syntax*: Tagname:nth-child(x)

*Example*: div:nth-child(1)

# Select Parent Locator from Child using XPATH

*Syntax* XPATH/parent::tagname

*Example*: //\*[title="test"]/parent::div

# Generating CSS Selector from Tag and Class Name

Replace spaces with period(.) to use more than one class name

*Syntax*: Tagname.ClassName

*Example*: input.search-keyword