Locators:

#1. If class name has more than 1 value we can use any 1

Eg:

<button class="submit signInBtn" type="submit" css="1" style="">Sign In</button>

Here class name can be either ‘submit’ or ‘signInBtn’

|  |  |  |
| --- | --- | --- |
| S.No | Locators | syntax |
| 1 | By.id | id attribute |
| 2 | By.name | Name attribute |
| 3 | By.classname | If classname has more than 1 value then we can use any one  <button class="submit signInBtn" type="submit" css="1" style="">Sign In</button>  Here class name can be either ‘submit’ or ‘signInBtn’ |
| 4 | Linktext | If element has a attribute then we can use link text |
| 5 | Tagname | Simply use tagname attribute |
| 6 | Svg element | //\*[local-name()=’svg’] |

|  |  |  |
| --- | --- | --- |
| S.No | Locators | CSS syntax |
| 1 | classname | Tagname.classname or just .classname |
| 2 | Id | Tagname#id or just #id |
| 3 | If no classname or id | Tagname[attribute=’value’] |
| 4 | To use index value | Tagname[attribute=’value’]:nth-child(2) |
| 5 | Parent to child traverse | Parenttagname (space) childtagname |
| 6 | If you need to find dynamic element | Tagname[attribute\*=’partialvalue’] |
| 7 | Tagname | tagname |
| 8 | Child to parent | Child to parent traverse is not possible in css |

|  |  |  |
| --- | --- | --- |
| S.No | Locators | Xpath syntax |
| 1 | If no classname or id | //tagname[@attribute=’value’] |
| 2 | To use index value | //tagname[@attribute=’value’][3] |
| 3 | Parent to child traverse | //parenttagname/childtagname |
| 4 | If you need to find dynamic element | //tagname[contains(@class,’partialvalue’)] |
| 8 | Tagname | //tagname |
| 9 | If it’s a button we can identify it with the text name | //\*[text()=’textname’]  //\*[text()='Shop Plans'] |
| 10 | Sibling to sibling traverse | //ul[@class='horizontal-main-nav-menu-list']/li[2]/following-sibling::li[1]  /following-sibling::<tagname>[indexnumber] |
| 11 | Traverse back from child to parent | Element/parent::<tagname>  Eg:  //ul[@class='horizontal-main-nav-menu-list']/li[2]/parent::ul |