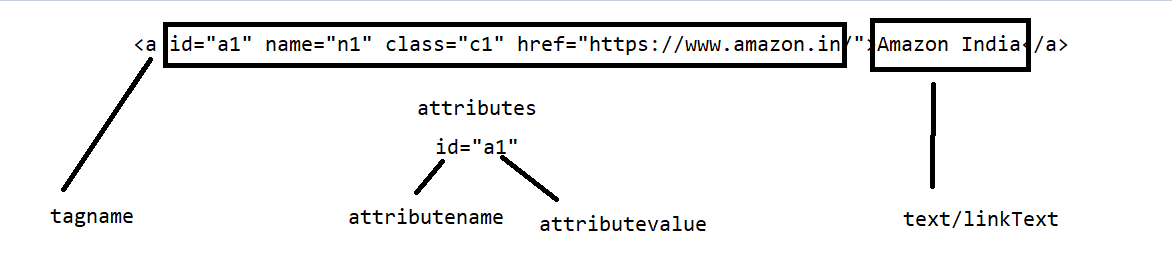
Locators in Selenium:

* Before performing any action on a web element its important that first we need to identify the element uniquely
* To identify the webelement we use locators from selenium
* There are 8 different types of locators they are

1. tag
2. id
3. name
4. class
5. linkText
6. partialLinkText
7. cssSelector
8. xpath



cssSelector:

cssSelector is one of the locators in selenium which can be used if any of the above locators are not available

|  |  |
| --- | --- |
| syntax | tagname[attributename='attributevalue'] |

xpath:



* it is a path of the element from the html tree
* there are 2 types of xpath 1) absolute xpath 2) relative xpath
* absolute xpath -> denoted by /.

it is a complete path from the root element till the element that we want to locate

/ eaning – immediate next element

ex: /html/body/table/tbody/tr/td/table/tbody/tr[1]/td/div/table/tbody/tr/td[1]/div[1]/div

* relative xpath 🡪 denoted by //.

// any element under this tag

different ways of writing xpath

1. using single attribute

|  |  |
| --- | --- |
| syntax | //tagname[@attributename='attributevalue'] |
| examples: | //div[@class='atLogoImg'] |
|  | //input[@placeholder='Username'] |