XPath:

1. Absolute XPath: /html/body/div[1]/div[3]/form/div[1]/div[1]/div[1]/div/div[2]/textarea

Absolute XPath is the direct path to the webelement. It always starts with the “/” and from the beginning of the html page. The major disadvantage is that if any tag/element is added or deleted in between, then the absolute XPath will not work. So we will be always using relative XPath

1. Relative XPath:
2. //tagname[@attibute=’value’]

For google search box,

//textarea[@id=’APjFqb’]

2. //tagname[text()=’value’]

3. //tagname[contains(text(),’value’)]

4. //textarea[contains(@id,'APjF')] | //textarea[@class='gLFyf']

5. //textarea[@class='gLFyf' and @id='APjFqb']

6. //textarea[@class='gLFyf' or @id='APjFqbcc']

CSS Selectors:

By Id:

Tagname#Id

By Class:

Tagname.classname

By attribute:

Tagname[attribute=’value’]