23 methods----5 methods basic methods

8 Find Elements in selenium-id, name, xpath, cssselector, class name, link text, partial link text, tagname

Important-----XPATH(XML Path)

Xpath Types:

Absolute(static)

Relative (static)

Dynamic------not static & changing always (Reference Xpath)

HTML DOM Properties-HTML TAG, DIV, NODE, CLASS, Heading H2, H3, Text

Parts of HTML DOM(Document Object Model):

Tag name-purple

Attribute name-orange

Attribute value-blue

Text-black

Ctrl+f - Xpath Search method

Xpath Finding Methods:(By using Relative Xpath methods) | XML Path

1.Attribute name, 2.Text, 3.Contains by Attribute name, 4.Contains by Text, 5.Index

**1.Attribute Name:**

//tagname[@attributename=’attributevalue’]

@-current attribute in current node

Ex:- //input[@type=’text’]

**2.Text:**

//tagname[text()=’full text’]

Ex:-//a[text()=’create a page’]

Ram is test engineer and working in automation

**3.Contains:**

**Contains with Attribute name**// Attribute value is lengthy

//tagname[contains(@attributename,’half of the attributevalue’)]

Ex:- //input[contains(@placeholder,'Email')] //must part of text

//input[contains(@placeholder,'Email address or phone number')] // can use full text also

//input[contains(@placeholder,'Email address')]

**Contains with Text:**

//tagname[contains(text(), ’half of the text’)]

Ex:- //h2[contains(text(),'Facebook')]

(//a[contains(@class,'static')])[6]

//h2[contains(text(),'connect and share')]

//h2[contains(text(),'your life')]

**Index:** Attribute name, Text, Contains(attribute name, text)

(//tagname[Any Kind])[index]

Ex:-(//input[contains(@data-testid,'royal')][2]

(//input[@type='submit'])[3]

(//a[@class='level1 static'])[8]

Attribute Name

Text

Contains(Attribute name)

Contains(text)

Index

Xpath finding Tool:

Chropath

Xpath finder

Selectors hub-----14 tools top 3