**Xpath Axes methods:**

https://www.amazon.in

1. parent: //span[text()='Fresh']/parent::a

2. child: //a[@id='nav-link-groceries']/child::span[text()='Fresh']

Alternative way:

//a[@id='nav-link-groceries']/span[1]

3. following-sibling(siblings to the RHS of the current node/element): (//a[text()='Best Sellers'])[1]/following-sibling::a

4. preceding-sibling(siblings to the LHS of the current node/element):

(//a[text()='Best Sellers'])[1]/preceding-sibling::a

5. ancestor: up in the hierarchy.

//a[@id='nav-link-groceries']/ancestor::div

6. descendant: down in the hierarchy

//div[@id='nav-xshop-container']/descendant::a

7. self:

//div[@id='nav-xshop-container']/self::div

8. following:

//div[@id='nav-xshop-container']/following::div

//div[@id='nav-xshop-container']/following::\*

//div[@id='nav-xshop-container']/following::a

//div[@id='nav-xshop-container']/following::select

9. preceding:

//div[@id='nav-xshop-container']/preceding::select

//div[@id='nav-xshop-container']/preceding::a

Xpath Strategies:

1. starts-with:

//input[starts-with(@id,'twotab')]

2. ends-with: is having some issue.

3. contains:

//\*[contains(text(),'your home')]

//h2[contains(@class,'truncate-2line')]

4.text():

//\*[text()='Coupons']

5. Indexing:

(//h2[contains(text(),'home')])[1]

6. Xpath chaining:

//div[contains(@id,'CardInstance')]//h2[contains(text(),'home')]

7. and: combine multiple attributes using and condition(both have to be true)

//h2[contains(@class,'truncate-2line') and contains(text(),'Appliances for your home')]

8. or: combines multiples attributes using or condition(either of conditions have to be true).

//h2[contains(@class,'truncate-2line') or contains(text(),'Appliances for your home')]

9. multiple attributes:

//h2[contains(@class,'truncate-2line')][contains(text(),'Appliances for your home')]