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X-path

link 1 & link 4 → /~~html/body~~ //div[1]/a[1] | //div[2]/a[2]

link 2 & link 3 → //div[1]/a[2] | div[2]/a[1]

1) write the X-path for all the links & all the images?

//a | //img

2) what is diff. b/w / & // ?

/ represents child

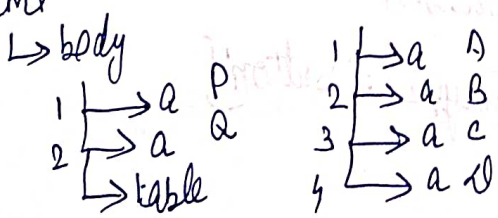
// represents descendant

3) what is diff. b/w //a & //table//a ?

→ //a matches with all the links which are present anywhere in the web page

→ //table matches with all the links which are inside the table.

eg:



a) X-path by Attribute

we can also use attribute of an element while writting X-path.

Syn:

//tag[@AN='AV']

//tag[@AN1='AV1' and @AN2='AV2']

//tag[@AN1='AV1' or @AN2='AV2']

//tag[not(@AN='AV')]

html code.

A1 : <input type = "text" value = "A" />

B1 : <input type = "text" value = "B" />

A2 : <input type = "button" value = "A" />

B2 : <input type = "button" value = "B" />

C1 : <input type = "checkbox" checkbox />

C2 : <input type = "checkbox" />

write an xpath to identify the following elements?

1) all the text box

//input [@type = 'text']

2) all the buttons

//input [@type = 'button']

3) all the checkbox

//input [@type = 'checkbox']

4) All the text box and all the buttons

//input [@type = 'text' or @type = 'button']

5) only first text box

//input [@type = 'text' and @value = 'A']

6) only second text box

//input [@type = 'text' and @value = 'B']

7) 1st text box & 1st button

//input [@ value = 'A']

8) only selected checkbox

//input[@ checked]

9) unselected checkbox.

~~//input [not(@ checkbox~~

//input [not (@ checked) and @ type = 'checkbox']

b) Xpath by text function:

In X-Path we can also use text (or) visible Text.

Syn:- //tag [text () = 'text value'] (or) //tag [. = 'value']

↳ dot (or) text

eg:1

html code of a button is:

 log in

Xpath is

//div[text () = 'Login']

eg 2:-

<td id = "header container" class = "header"> please identify yourself </td>

xpath:-

//td [text() = 'please identify yourself']

c) Xpath by contains function

If the text value is changing partially then we can use contains function on the X-path.

Syn: //tag[contains(text(), value)]

html code: <nobr> actiTIME 2020 online </nobr>

X-Path: //nobr[contains(text(), 'actiTIME')]