

node -- bu tagların herbiri bir element , node deniyor bunlara

Locators - XPath Axes

XPath axes are those axes that are used to search for the multiple nodes in the XML document from the current node context. These methods are mainly used when the web element is not identified with the help of ID, name, class name, link text, CSS sel

Axes html dom da elemente gidebilen her yol

Self current node

Parent

Child

Ancestor ata parentin parent i

Descendant torun

Following

Following-sibling

Preceding node dan onceki node lar

preceding-sibling once gelen sibling kardes

Kendi kendine

Ebeveyn

Çocuk

Ata -dede,nene

Azalan -torun

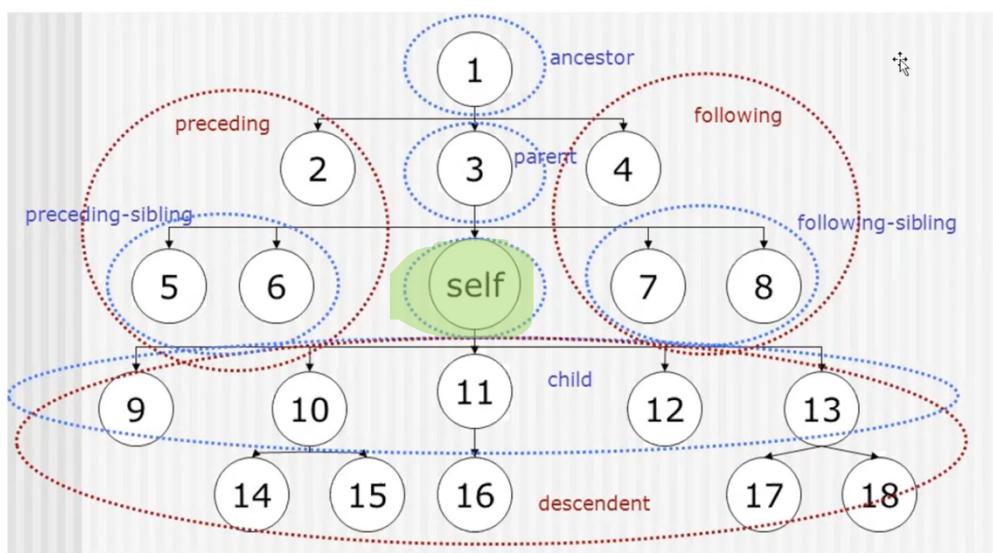
Takip etmek

Takip eden kardeş

Onceki

onceki

Relationship of Nodes



XPath axes

Axes	Description	Syntax
Child	Traverse all child element of the current html tag	//*[attribute='value']/child::tagname
Parent	Traverse parent element of the current html tag	//*[attribute='value']/parent::tagname
Following	Traverse all element that comes after the current tag	//*[attribute='value']/following::tagname
Preceding	Traverse all nodes that comes before the current html tag .	//*[attribute='value']/preceding::tagname
Following-sibling	Traverse from current Html tag to Next sibling Html tag .	//current html tag[@attribute ='value']/following-sibling:: sibling tag[@attribute ='value']
Preceding-sibling	Traverse from current Html tag to previous sibling Html tag .	//current html tag[@attribute ='value']/preceding-sibling:: previous tag[@attribute ='value']
Ancestor	Traverse all the ancestor elements (grandparent, parent, etc.) of the current html tag .	//*[attribute='value']/ancestor::tagname
Descendant	Traverse all descendent element (child node, grandchild node, etc.) of the current Html tag .	//*[attribute='value']/descendant::tagname

money.rediff.com/gainers/bse/daily/groupa

Enter Company or IATA

e.g. Tata motors, Reliance MF, 500570

Top Gainers **BSE** | **NSE** **new**

Last updated: 16 Sep, 15:59

Gainers		Losers		
Daily	Weekly	Monthly	Daily	Weekly
All	Group A	Group B	Group M	Group T
Group MT	Group Z			
Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin	A	259.85	302.35	+ 16.36
Birlasoft	A	178.65	199.45	+ 11.64
Linde India	A	731.55	815.80	+ 11.52
Himatsingka Seid	A	79.25	87.80	+ 10.79
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69
Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16
Radico Khaitan Ltd.	A	443.45	469.65	+ 5.91
Force Motors	A	1,142.40	1,205.70	+ 5.54
Gulf Oil Lubricants	A	650.40	686.45	+ 5.54
Maha. Seamless	A	229.70	241.75	+ 5.25
Jindal Stainless (Hi	A	88.70	93.30	+ 5.19
DLF Ltd.	A	155.50	163.40	+ 5.08

Sonra node da bunu secti

Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64

Normal xpath ile

Screenshot of a browser developer tools interface showing a table of stock data. The table has two sections: 'Gainers' and 'Losers'. The 'Losers' section is currently selected. A mouse cursor is hovering over the link for 'India Tourism De'.

Gainers		Losers		
Daily	Weekly	Monthly	Daily	Weekly
All	Group A	Group B	Group M	Group T
Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin	A	259.85	302.35	+ 16.36
Birlasoft	A	176.65	199.45	+ 11.64
Linde India	A	731.55	815.80	+ 11.52
Himatsingka Seid	A	79.25	87.80	+ 10.79
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69
Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16
Radico Khaitan Ltd.	A	443.45	469.65	+ 5.91

The developer tools sidebar shows the DOM structure. The current selection is at the level of the td element containing the href for 'India Tourism De'.

```

<div style="padding-top:30px; font-size:14px;clear:both;">...</div>
<span class="ht10"></span>
<table class="dataTable">
  <thead>...</thead>
  <tbody>
    <tr>...
      <td>...
        <a href="//money.rediff.com/companies/india-tourism-de/17090004"...
          xpath="1">India Tourism De
        </a> == $0
      </td>
    <td>A</td>
    <td>233.15</td>
    <td>256.00</td>
  </tr>
  ...
</tbody>
</table>

```

ChroPath panel shows the path: //a[contains(text(),'India Tourism De')]

Self ile kullanıdı

Screenshot of a browser developer tools interface showing the same table of stock data. The 'Losers' section is selected. The developer tools sidebar shows the DOM structure. The current selection is at the level of the td element containing the href for 'India Tourism De'.

Rel XPath: //a[contains(text(),'India Tourism De')]/self::a

1 element matching.

Selected filters: id, class, name, placeholder, text, attribute name.

Axes lerden birini kullanınca :: bunu koymalısın

Screenshot of a browser developer tools interface showing the same table of stock data. The 'Losers' section is selected. The developer tools sidebar shows the DOM structure. The current selection is at the level of the td element containing the href for 'India Tourism De'.

Rel XPath: //a[contains(text(),'India Tourism De')]/parent::td

1 element matching.

```

//self
String text=driver.findElement(By.xpath("//a[contains(text(),'India Tourism De')]/self::a")).getText();
System.out.println(text); //India Tourism De

//Parent
text=driver.findElement(By.xpath("//a[contains(text(),'India Tourism De')]/parent::td")).getText();
System.out.println(text); //India Tourism De

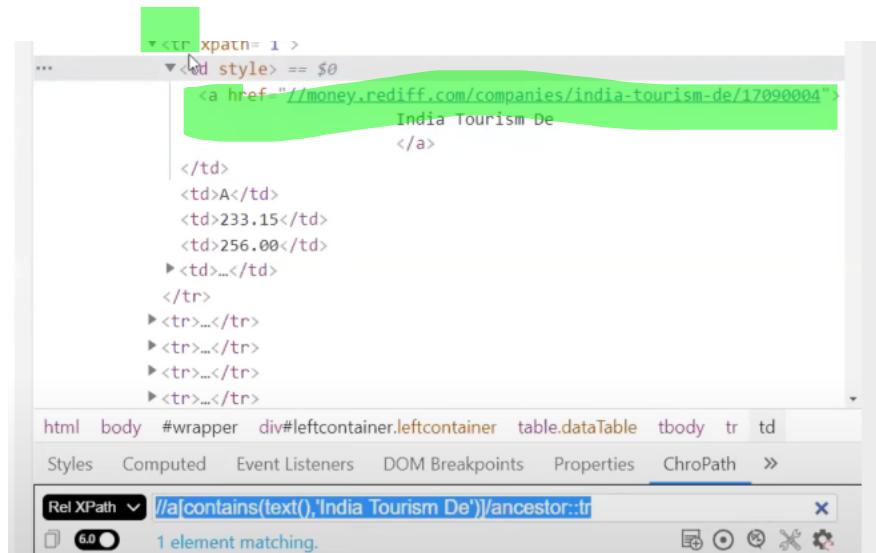
```

A "node", in this context, is simply an **HTML element**. The "DOM" is a tree structure that represents the HTML of the website, and every HTML element is a "node". See Document Object Model (DOM). More specifically, "Node" is an interface that is implemented by multiple other objects, including "document" and "element".²⁶ Tem 2014

Burda * herbir elementi (node) u temsil eder fakat self (highlighted kisim) in bir child node u yok.



Ancestor (parent of parent --- dede)



Bu sefer birden fazla child elemente eslestirme yapti. – 5 tane child var

```
//Child
driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/child::td"))

9 'Child
10 List<WebElement> childs=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/child::td"));
11 System.out.println("Number of chuld elements:"+childs.size());
12
13
14
15
```

Tr tag I ancestor (ata ,dede) -- yesilli alandaki butun bilgileri icine aliyor torunlarda

Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin	A	259.85	302.35	+ 16.36
Birlasoft	A	178.65	199.45	+ 11.64
Linde India	A	731.55	815.80	+ 11.52
Himatsingka Seid	A	79.25	87.80	+ 10.79
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69
Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16
Radicco Khatan Ltd.	A	443.45	469.65	+ 5.91
Force Motors	A	1,142.40	1,205.70	+ 5.54
Gulf Oil Lubricants	A	650.40	686.45	+ 5.54
Maha Seamless	A	229.70	241.75	+ 5.25
Jindal Stainless (Hi	A	88.70	93.30	+ 5.19
DLF Ltd.	A	155.50	163.40	+ 5.08

Dikkat edersen boyle yapinca yukaridaki yesil alanin tamamindaki bilgileri locate etti

Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin	A	259.85	302.35	+ 16.36
Birlasoft	A	178.65	199.45	+ 11.64
Linde India	A	731.55	815.80	+ 11.52
Himatsingka Seid	A	79.25	87.80	+ 10.79
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69
Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16
Radicco Khatan Ltd.	A	443.45	469.65	+ 5.91

Descendant

The screenshot shows a browser window with developer tools open. The main content is a table of stock market data. A specific row in the 'Losers' section, containing the company name 'India Tourism De', is highlighted with a blue dashed border. On the right, the browser's DOM tree is visible, showing the HTML structure of the page. Below the DOM tree, the ChroPath tool is active, displaying the selected XPath expression: //a[contains(text(),'India Tourism De')]/ancestor::tr/child::td[2]. This path identifies the second column of the row where 'India Tourism De' is listed.

This screenshot is similar to the one above, showing the same stock market page and highlighting the same row in the 'Losers' table. The 'India Tourism De' link is again selected and highlighted with a blue dashed border. The DOM tree and ChroPath tool are also present, showing the same selected XPath expression: //a[contains(text(),'India Tourism De')]/ancestor::tr/child::td[2]. The interface and highlighted element are identical to the first screenshot.

```
//Descendant
List<WebElement> descendants=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr"));
System.out.println("Number of descendant nodes:"+descendants.size());
```

Current node

```

    <td style=">
        ...
        <a href="//money.rediff.com/companies/india-tourism-de/17090004" xpath="1">
            India Tourism De
        </a> == $0
    
```

//Child - Selects all children of the current node (One or many)
List<WebElement> childs=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/child::*"));
System.out.println("Number of child elements:"+childs.size());

//Ancestor - Selects all ancestors (parent, grandparent, etc.)
text=driver.findElement(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr")).getText();
System.out.println(text);

//Descendant - Selects all descendants (children, grandchildren, etc.) of the current node
List<WebElement> descendants=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/descendant::*"));
System.out.println("Number of descendant nodes:"+descendants.size());

//Following -Selects everything in the document after the closing tag of the current node

```

    ...
    driver.close();
}

```

Following kullanımı

The screenshot shows a table of stock gainers. The 'India Tourism De' row is highlighted with a yellow background. The developer tools are open, showing the DOM structure. A specific element in the 'India Tourism De' row is selected, and its XPath is displayed in the 'Selected Xpath' field: //a[contains(text(),'India Tourism De')]/following::*.

Top Gainers BSE NSE				
Gainers		Losers		
Daily	Weekly	Monthly	Daily	
All	Group A	Group B	Group M	
Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin	A	259.85	302.35	+ 16.36
Birlasoft	A	178.65	199.45	+ 11.64
Linde India	A	731.55	819.80	+ 11.52
Himatsingka Seid	A	79.25	87.80	+ 10.79
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83
India Tourism De	A	233.15	256.00	+ 9.80
J B Chemicals & Phar	A	896.65	969.55	+ 8.13
Jindal Saw	A	64.80	69.75	+ 7.64
Sonoco Products Ltd	A	169.55	180.90	+ 6.89
Zydus Wellness Ltd	A	1,783.30	1,893.20	+ 6.16
Radioc Khatian Ltd	A	443.45	469.65	+ 5.91
Force Motors	A	1,142.40	1,205.70	+ 5.54
Gulf Oil Lubricants	A	650.40	686.45	+ 5.54
Mahindra & Mahindra	A	229.70	241.75	+ 5.25
Jindal Stainless (H)	A	88.70	93.30	+ 5.19
DLF Ltd	A	155.50	163.40	+ 5.08

Once ancestor a sonra da following tr taglarina gecis yaptı ve sayilarini buldu

```

g in the document after the closing tag of the current node
=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/following::tr"));
following nodes:"+followingnodes.size());
```

```

40
41     //Following -Selects everything in the document after the closing tag of the current node
42     List<WebElement> followingnodes=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/following::*"));
43     System.out.println("Number of following nodes:"+followingnodes.size());
44
45
46     driver.close();
47 }
48
49 }
50

```

India Tourism De
Number of child elements:5
India Tourism De A 233.15 256.00 + 9.80
Number of descendant nodes:7
Number of following nodes:245

```

lects all siblings after the current node
ngsibligns=driver.findElements(By.xpath("//a[contains(text(),'India Tourism De')]/ancestor::tr/following-sibling::tr"));
er of Following Siblings:"+followingsibligns.size());

```

Screenshot showing the Rediff Money website's 'Top Gainers' section and the corresponding DOM structure in the browser's developer tools.

Top Gainers BSE NSE

Gainers **Losers**

Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change
Indostar Capital Fin.	A	259.85	302.35	+16.36
Birlasoft	A	178.65	199.45	+11.64
Lund India	A	731.55	815.80	+11.52
Himalaya Soft	A	79.25	87.80	+10.79
Lakshmi Gas	A	20.35	22.35	+9.80
India Tourism De	A	233.15	256.00	+9.80
J B Chemicals & Phar	A	896.65	969.55	+8.13
Jindal Saw	A	64.80	69.75	+7.64
Somany Ceramics Ltd.	A	169.55	180.90	+6.69
Zydus Wellness Ltd.	A	1,783.30	1,893.20	+6.16
Radicco Khatan Ltd.	A	443.45	469.65	+5.91
Force Motors	A	1,142.40	1,205.70	+5.54
Gulf Oil Lubricants	A	650.40	686.45	+5.54
Maha. Seamless	A	229.70	241.75	+5.25

DOM Structure (Excerpt):

```

<span class="ht10" xpath="143"></span>
<table class="dataTable">
  <thead xpath="144">...</thead>
  <tbody>
    <tr xpath="151">...</tr>
    <tr xpath="150">...</tr>
    <tr xpath="167">...</tr>
    <tr xpath="175">...</tr>
    <tr xpath="183">...</tr>
    ...
    <tr style="background-color: #f2f2f2;">...</tr>
      <td>A</td>
      <td>233.15</td>
      <td>256.00</td>
      <td>+9.80</td>
    </tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
    <tr>...</tr>
  </tbody>

```

Developer Tools:

- Elements tab: Shows the DOM structure with expanded nodes.
- Console tab: Shows the executed XPath query: //a[contains(text(),'India Tourism De')]/ancestor::tr/following-sibling::tr".
- Sources tab: Shows the page source code.
- Network tab: Shows network requests.
- Performance tab: Shows performance metrics.
- Memory tab: Shows memory usage.

Top Gainers BSE | NSE 

Last updated: 16 Sep, 15

Gainers		Losers										
Daily	Weekly	Monthly	Daily	Weekly	Monthly							
All		Group A		Group B		Group M		Group T		Group MT		Group Z
Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change	Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change			
Indostar Capital Fin	A	259.85	302.35	+ 16.36	Birlasoft	A	178.65	199.45	+ 11.64			
Linde India	A	731.55	815.80	+ 11.52	Himatsingka Seid	A	79.25	87.80	+ 10.79			
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83	India Tourism De	A	233.15	256.00	+ 9.80			
J B Chemicals & Phar	A	896.65	969.55	+ 8.13	Jindal Saw	A	64.80	69.75	+ 7.64			
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69	Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16			
Radico Khaitan Ltd.	A	443.45	469.65	+ 5.91	Force Motors	A	1,142.40	1,205.70	+ 5.54			
Gulf Oil Lubricants	A	650.40	686.45	+ 5.54	Maha. Seamless	A	229.70	241.75	+ 5.25			
Jindal Stainless (Hi	A	88.70	93.30	+ 5.19	Jindal Stainless (Hi	A	88.70	93.30	+ 5.19			
DLF Ltd.	A	155.50	163.40	+ 5.08	DLF Ltd.	A	155.50	163.40	+ 5.08			

Top Gainers BSE | NSE 

Last updated: 16 Sep, 15

Gainers		Losers										
Daily	Weekly	Monthly	Daily	Weekly	Monthly							
All		Group A		Group B		Group M		Group T		Group MT		Group Z
Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change	Company	Group	Prev Close (Rs)	Current Price (Rs)	% Change			
Indostar Capital Fin	A	259.85	302.35	+ 16.36	Birlasoft	A	178.65	199.45	+ 11.64			
Linde India	A	731.55	815.80	+ 11.52	Himatsingka Seid	A	79.25	87.80	+ 10.79			
Lakshmi Vilas Ba	A	20.35	22.35	+ 9.83	India Tourism De	A	233.15	256.00	+ 9.80			
J B Chemicals & Phar	A	896.65	969.55	+ 8.13	Jindal Saw	A	64.80	69.75	+ 7.64			
Somany Ceramics Ltd.	A	169.55	180.90	+ 6.69	Zydus Wellness Ltd.	A	1,783.30	1,893.20	+ 6.16			
Radico Khaitan Ltd.	A	443.45	469.65	+ 5.91	Force Motors	A	1,142.40	1,205.70	+ 5.54			
Gulf Oil Lubricants	A	650.40	686.45	+ 5.54	Maha. Seamless	A	229.70	241.75	+ 5.25			
Jindal Stainless (Hi	A	88.70	93.30	+ 5.19	Jindal Stainless (Hi	A	88.70	93.30	+ 5.19			
DLF Ltd.	A	155.50	163.40	+ 5.08	DLF Ltd.	A	155.50	163.40	+ 5.08			

Sibling

The screenshot shows two identical instances of a stock market website's 'Top Gainers' section. The left instance has a green arrow pointing to the 'India Tourism De' entry in the losers table, and the right instance has a green arrow pointing to the same entry in the losers table. Both instances show the same data for the losers table, with 'India Tourism De' at the top. The developer tools are open on both sides, showing the DOM structure and the XPath used to select the row. The XPath for the left instance is //a[contains(text(),'India Tourism De')]/ancestor::tr/preceding-sibling::tr[6]/td[2]. The XPath for the right instance is //a[contains(text(),'India Tourism De')]/ancestor::tr/preceding-sibling::tr[6]/td[2].

- 1) Find the sign-up button from the registration form present in the Facebook application. (child)

Bu bir form – sign up butonundan

facebook

Email or phone Password
[Forgotten account?](#) [Log In](#)

Create a new account

It's quick and easy.

First name Surname

Mobile number or email address

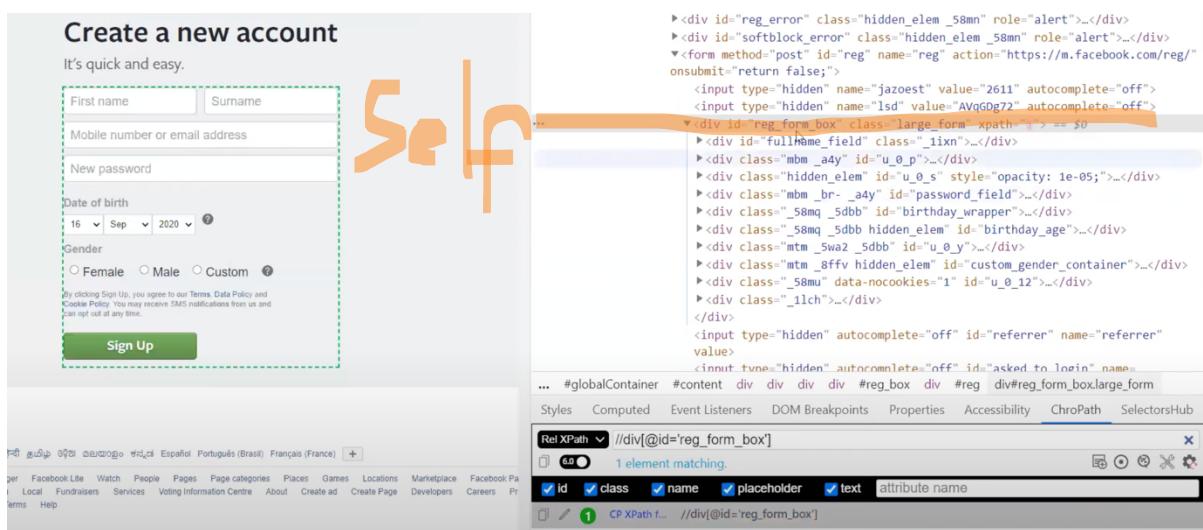
New password

Date of birth
 16 Sep 2020 ?

Gender
 Female Male Custom ?

By clicking Sign Up, you agree to our [Terms](#), [Data Policy](#) and [Cookie Policy](#). You may receive SMS notifications from us and can opt out at any time.

 [Sign Up](#)



Create a new account

It's quick and easy.

Date of birth

16 Sep 2020

Gender

Female Male Custom

By clicking Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

```
> <div id="reg_error" class="hidden_elem _58mm" role="alert"></div>
> <div id="softblock_error" class="hidden_elem _58mm" role="alert"></div>
> <form method="post" id="reg" name="reg" action="https://m.facebook.com/reg/" onsubmit="return false;">
    <input type="hidden" name="jazoest" value="2611" autocomplete="off">
    <input type="hidden" name="lsd" value="AvGdgZ2" autocomplete="off">
    <div id="reg_form_box" class="large_form" == $0
        <div id="full_name_field" class=" _iixn" xpath="1"></div>
        <div class="mbm _a4y" id="u_0_p" xpath="2"></div>
        <div class="hidden_elem" id="u_0_s" style="opacity: 1e-05;" xpath="3"></div>
        <div class="mbm _br- _a4y" id="password_field" xpath="4"></div>
        <div class=" _58mu _5dbb" id="birthday_wrapper" xpath="5"></div>
        <div class=" _58mu _5dbb hidden_elem" id="birthday_age" xpath="6"></div>
        <div class="mtm _5wa2 _5dbb" id="u_0_y" xpath="7"></div>
        <div class="mtm _8fv hidden_elem" id="custom_gender_container" xpath="8"></div>
        <div class=" _58mu" data-noocokes="" id="u_0_12" xpath="9"></div>
        <div class=" _1ch" xpath="10"></div>
    </div>
    <input type="hidden" autocomplete="off" id="referrer" name="referrer" ... #globalContainer
    <content> div div div div #reg_box div #reg div#reg_form_box large_form

```

10 uncu div is sign up

Create a new account

It's quick and easy.

Date of birth

16 ▼ Sep ▼ 2020 ▼ ?

Gender

Female
 Male
 Custom
?

buttonfu_0_13_5j.mvms_6wk_.6wL_ 194 x 39

\$8m!.3ma_6o_6v

Sign Up

```
... > <div id="reg_error" class="hidden_elem _58mn" role="alert"></div>
  > <div id="softblock_error" class="hidden_elem _58mn" role="alert"></div>
  > <form method="post" id="reg" name="reg" action="https://m.facebook.com/reg" onsubmit="return false;">
    > <input type="hidden" name="jazoest" value="2611" autocomplete="off">
    > <input type="hidden" name="lsd" value="AVqG0Gz2" autocomplete="off">
  > <div id="reg_form_box" class="large_form" style="display: none;">
    > <div id="fullname_field" class="xixn" style="display: flex; align-items: center; gap: 10px;">
      > <div class="mbm _4y" id="u_0_p"></div>
      > <div class="hidden_elem" id="u_0_s" style="opacity: 1e-05;"></div>
      > <div class="mbm br _4y" id="password_field"></div>
      > <div class="mbm _58m _5db" id="birthday_wrapper"></div>
      > <div class="mbm _58m _5db hidden_elem" id="birthday_age"></div>
      > <div class="mtm _5w2 _5db" id="u_0_y"></div>
      > <div class="mtm _8ffv hidden_elem" id="custom_gender_container"></div>
      > <div class="mbm _58mu" data-nocookies="1" id="u_0_12"></div>
    > <div class="l1ch xpath" style="display: flex; align-items: center; gap: 10px;">
      > <button type="submit" class="oj mvm _6w _6wl _58mi _3ma _6o _6v" name="websubmit" id="u_0_13">Sign Up</button>
      > <span class="hidden_elem _50ml" id="u_0_14"></span>
    </div>
  </div>
... #globalContainer #content div div div #reg_box div #reg div#reg_form_box.large_form
Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath SelectorsHub
```

Create a new account

It's quick and easy.

Date of birth

▼

▼

▼

Gender

Female
 Male
 Custom

By clicking Sign Up, you agree to our [Terms](#), [Data Policy](#) and [Cookie Policy](#). You may receive SMS notifications from us and can opt out at any time.

[Sign Up](#)

```
    <div id="reg_form_box" class="large_form" style="border: 1px solid #ccc; padding: 10px; margin: 20px auto; width: fit-content; height: fit-content; border-radius: 10px; background-color: #fff; position: relative; z-index: 1;>
      <div id="softblock_error" class="hidden_elem _58m0" role="alert"></div>
      <form method="post" id="reg" name="reg" action="https://www.facebook.com/reg/onsubmit">
        <input type="hidden" name="jazoest" value="2611" autocomplete="off">
        <input type="hidden" name="lsd" value="AVqGDG72" autocomplete="off">
        ...<br/>
        <div id="reg_form_box" class="large_form" style="border: 1px solid #ccc; padding: 10px; margin: 20px auto; width: fit-content; height: fit-content; border-radius: 10px; background-color: #fff; position: relative; z-index: 1;>
          <div id="fullname_field" class=" _510x" style="margin-bottom: 10px; position: relative; z-index: 1;>
            <div class="mbm _54ay" id="u_0_p"></div>
            <div class="hidden_elem" id="u_0_s" style="position: absolute; left: -10px; top: 0; width: 10px; height: 10px; background-color: transparent; border: none; border-radius: 50%; opacity: 0.05; z-index: 0;></div>
            <div class="mbm _br_ _54ay" id="password_field"></div>
            <div class=" _58mq _5dbb" id="birthday_wrapper"></div>
            <div class=" _58mq _5dbb hidden_elem" id="birthday_age"></div>
            <div class="mtm _5w2a _5dbb" id="u_0_y"></div>
            <div class="mtm _8ffv hidden_elem" id="custom_gender_container"></div>
            <div class=" _5mu" data-nocookies="1" id="u_0_12"></div>
            <div class=" _1lch">
              <button type="submit" class=" _6j mvm _6wk _6wl _58mi _3ma _6o _6v" name="websubmit" id="u_0_13" xpath=".//Sign Up/">Sign Up</button>
              <span class="hidden_elem _58ml" id="u_0_14"></span>
            </div>
          </div>
        ...#globalContainer #content div div div div #reg_box div #reg div#reg_form_box.large_form
```

2) Locate Firstname field from SignUp button in facebook (Parent)

Yani sign up I self olarak sec oradan first name elementini locate et

Create a new account

It's quick and easy.

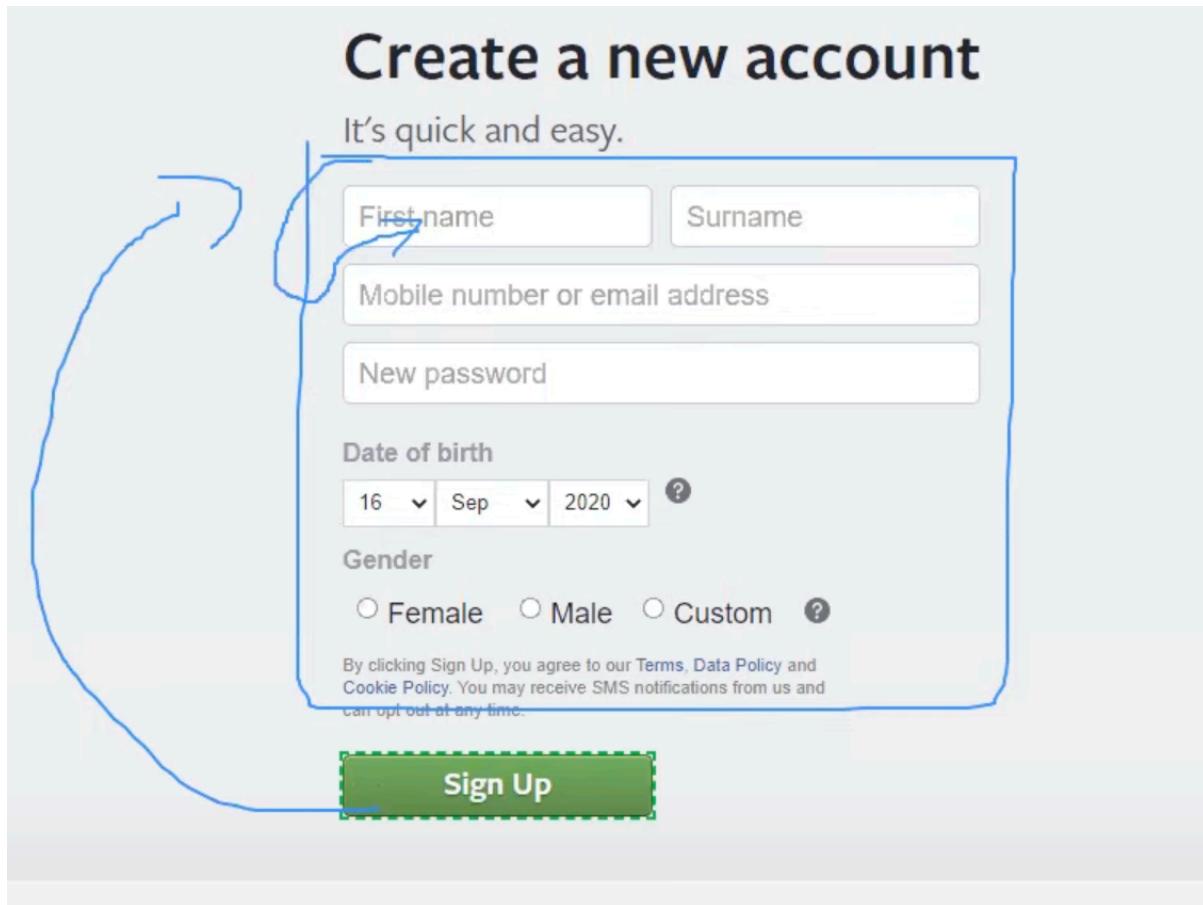
Date of birth

16 Sep 2020

Gender

Female Male Custom

By clicking Sign Up, you agree to our [Terms](#), [Data Policy](#) and [Cookie Policy](#). You may receive SMS notifications from us and can opt out at any time.



Create a new account

It's quick and easy.

Firstname

Surname

Mobile number or email address

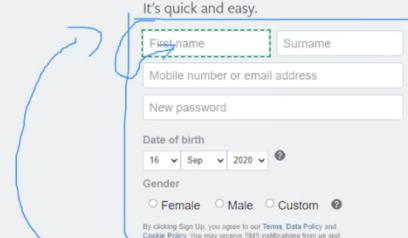
New password

Date of birth
16 Sep 2020 

Gender
 Female Male Custom 

By closing Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and our partners about our products and services.

Sign Up



```
<div id="reg_box" class="registration_redesign">
  <div class="_8fgl">
    <div id="reg_error" class="hidden_elem _58mn" role="alert"></div>
    <div id="softblock_error" class="hidden_elem _58mn" role="alert"></div>
  </div>
  <form method="post" id="reg" name="reg" action="https://m.facebook.com/nosubmit="return false;">
    <input type="hidden" name="jazoest" value="2611" autocomplete="off">
    <input type="hidden" name="lsd" value="AVG0Gbz2" autocomplete="off">
    <div id="reg_form_box" class="large_form">
      <div id="fullname_field" class="_lixin">
        <div class="clearfix _58mh">
          <div class="mbm_liy_aay_3-90_lfloat_ohe" xpath="1"></div>
          <div class="mbm_liy_aay_rfloat_ohf" style="float: right; margin-right: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
        </div>
        <div class="mbm_liy_aay_3-90_lfloat_ohe" style="margin-top: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
      </div>
    </div>
    <div class="mbm_liy_aay_u_0_p" style="margin-top: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
    <div class="hidden_elem" id="u_0_s" style="display: none; opacity: 1; position: absolute; left: -10px; top: 0; width: 10px; height: 10px; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; z-index: 2; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
    <div class="mbm_br_aay" id="password_field" style="margin-top: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
    <div class="mbm_sq_5dbb" id="birthday_wrapper" style="margin-top: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
    <div class="mbm_sq_5dbb" id="birthday_age" style="margin-top: 10px; position: relative; z-index: 1; width: 100px; height: 100%; border: 1px solid #ccc; border-radius: 5px; background-color: #fff; padding: 5px; font-size: 0.8em; line-height: 1.2; font-weight: bold; color: #0072bc; text-decoration: none; text-align: center; transition: all 0.3s ease; text-decoration: underline; text-decoration-color: #0072bc; text-decoration-style: underline; text-decoration-width: 1px; text-decoration-position: under;"></div>
  </form>
</div>
```

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath Selectors

Rel XPath (0) 1 element matching

id class name placeholder text attribute name

Rel XPath

Rel XPath

Download for other browsers | Pls add review | Join CP Community | Follow us Twitter Facebook Slack GitHub v6.1.6

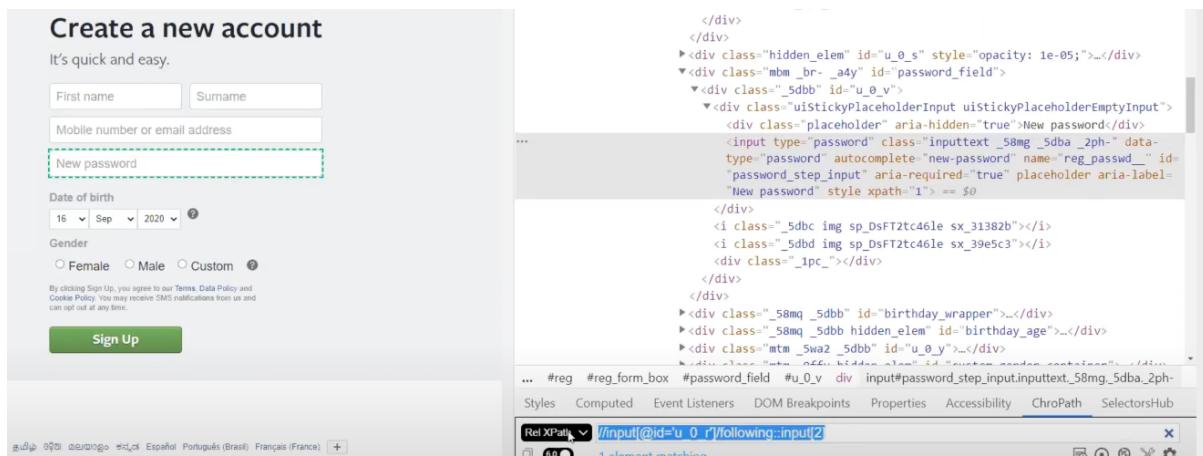
3) Identify the Password from Mobile number filed in facebook.(Following)
`//input[@id='u_0_r']/following::input`

The screenshot shows the Facebook 'Create a new account' form. The password input field, located below the mobile number field, is highlighted with a red dashed box. The browser's developer tools are open, with the 'Elements' tab selected. The path `//input[@id='u_0_r']/following::input` is highlighted in the selector bar. The DOM tree shows the password input field at `<input type="text" class="inputtext _58mg _5dba _2ph_" data-type="text" name="reg_email_" value="aria-required="true" placeholder="aria-label="Mobile number or email address" id="u_0_r" style="border: 1px solid #ccc; width: 100%; height: 30px; margin-top: 10px;"/>`.

This screenshot shows the same 'Create a new account' form in various languages. In each language version, the password input field is highlighted with a red dashed box. The browser's developer tools are open, with the 'Elements' tab selected. The path `//input[@id='u_0_r']/following::input` is highlighted in the selector bar. The DOM tree shows the password input field at `<input type="text" class="inputtext _58mg _5dba _2ph_" data-type="text" name="reg_email_" value="aria-required="true" placeholder="aria-label="Mobile number or email address" id="u_0_r" style="border: 1px solid #ccc; width: 100%; height: 30px; margin-top: 10px;"/>`.

4) Locate Mobile number from newpassword field in facebook (preceding)

4) Locate Mobile number from newpassword field in facebook (preceding)
//input[@id='password_step_input']/preceding::input[2]



The screenshot shows a 'Create a new account' form. The 'New password' field is highlighted with a red dashed border. The DOM tree on the right shows the selected Xpath: //input[@id='password_step_input']/preceding::input[2], which points to the 'Mobile number or email address' input field.

5) Locate surname from female radio button in facebook(Anccestor)

From female radio button try to reach surname

Create a new account

It's quick and easy.

First name

Surname

Mobile number or email

New password (highlighted with a red dashed border)

Date of birth

Gender Female Male Custom

By clicking Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

önce self element olan radio button locator ini buluyoruz

The screenshot shows the Facebook sign-up form. The 'Gender' section contains three radio buttons: 'Female' (unchecked), 'Male' (unchecked), and 'Custom' (checked). Below the radio buttons is a note about agreeing to terms and policies. At the bottom is a large green 'Sign Up' button. The browser's developer tools are overlaid on the page, specifically the 'Elements' tab of the Chrome DevTools. The 'Custom' radio button is highlighted with a green border. The DOM tree shows the element's path and its attributes. The 'Rel XPath' field contains the selector `/input[@id='u_0_4']`.

```
... <span class=_58ms mlm>  Custom </span>
</span>
<a class=_58ms mlm" aria-label id="gender-help" title="Click for more information" href="#" role="button">...</a>
<i class=_5dbd _8esc img sp_DsFT2tc46le sx_31382b"></i>
<i class=_5dbd _8esc img sp_DsFT2tc46le sx_39e5c3"></i>
<div class=_1pc_></div>
```

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath SelectorsHub

Rel XPath type selector and press enter

id class name placeholder text attribute name

6.0 Rel XPath `/input[@id='u_0_4']`

```
<input type="radio" class=_8esa" name="sex" value="1" id="u_0_4" xpath="1">
```

Create a new account

It's quick and easy.

First name Surname

Mobile number or email address

New password

Date of birth
16 Sep 2020

Gender
 Female Male Custom

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Sign Up

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath SelectorsHub

Ref XPath //input[@id='u_0_4']/ancestor::div[2]/div[1]/div[2] I

id class name placeholder text attribute name

CP XPath ... //div[@class='mbo_miy_a4y riloat_ofh']

Rel XPath //input[@id='u_0_4']

Create a new account

It's quick and easy.

First name Surname

Mobile number or email address

New password

Date of birth
16 Sep 2020

Gender
 Female Male Custom

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Sign Up

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath SelectorsHub

Ref XPath type selector and press enter

id class name placeholder text attribute name

Rel XPath //input[@id='u_0_4']

Create a new account

It's quick and easy.

First name

Surname

Mobile number or email address

New password ⓘ

Date of birth
16 Sep 2020 ⓘ

Gender
 Female Male Custom ⓘ

By clicking Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

DOM Inspector (UK) ජ්‍යෙනි සාම්ජ්‍ය දීපි මෙහෙතුව කැඳුව Espanol Português (Brazil) Français (France) +

Log in Messenger Facebook Lite Watch People Pages Page categories Places Games Locations Marketplace Facebook Page AdChoices ⓘ Terms Help

Styles Computed Event Listeners DOM Breakpoints Properties Accessibility ChroPath SelectorsHub

Rel XPath //input[@id='u_0_4']/ancestor::div[2]/input[@id='u_0_o'] ⓘ

0 element matching.

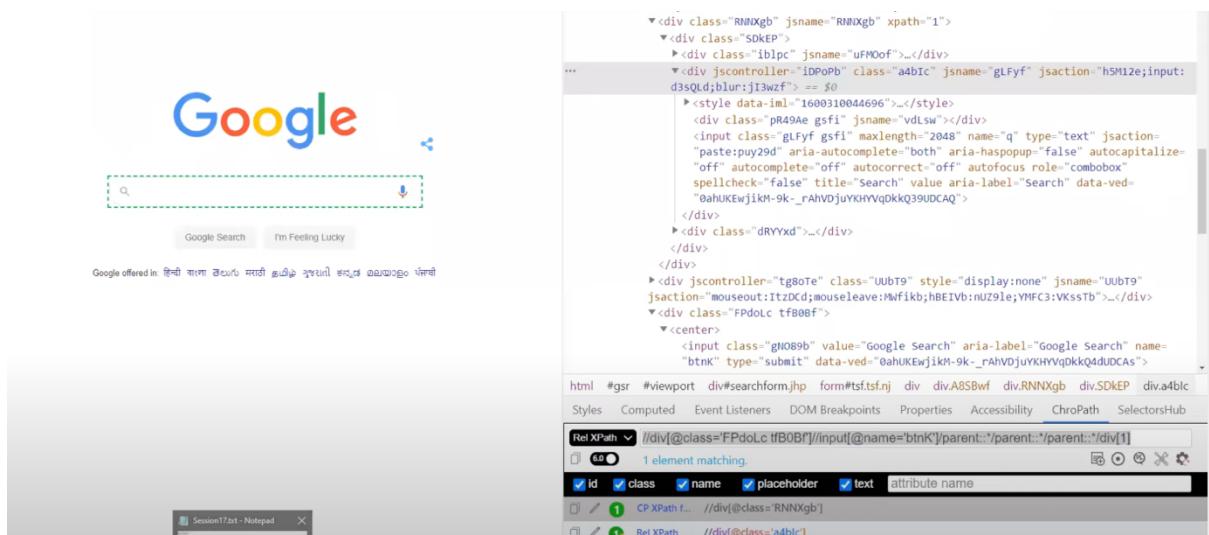
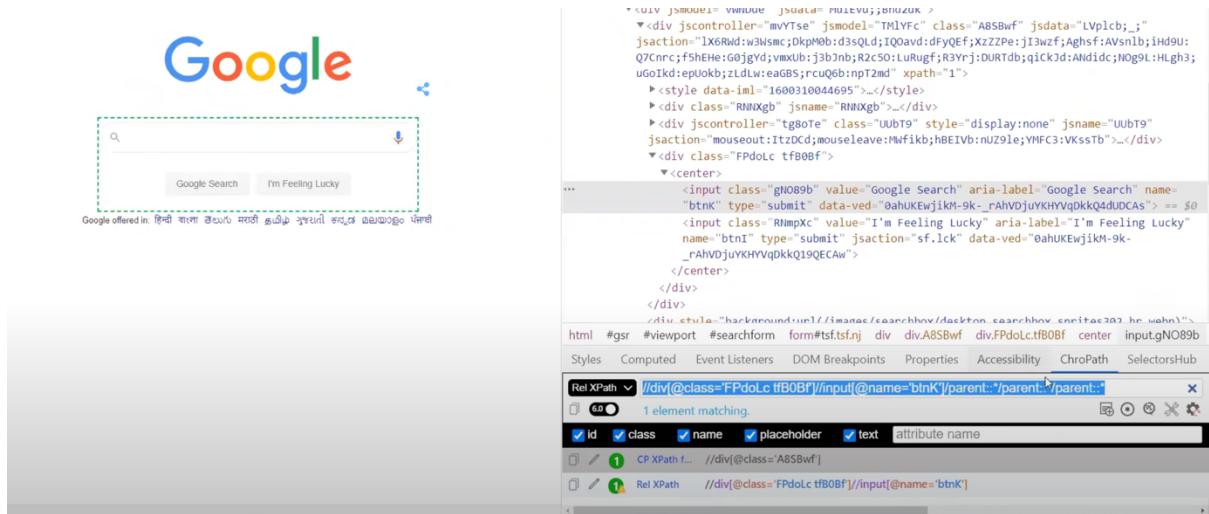
id class name placeholder text attribute name

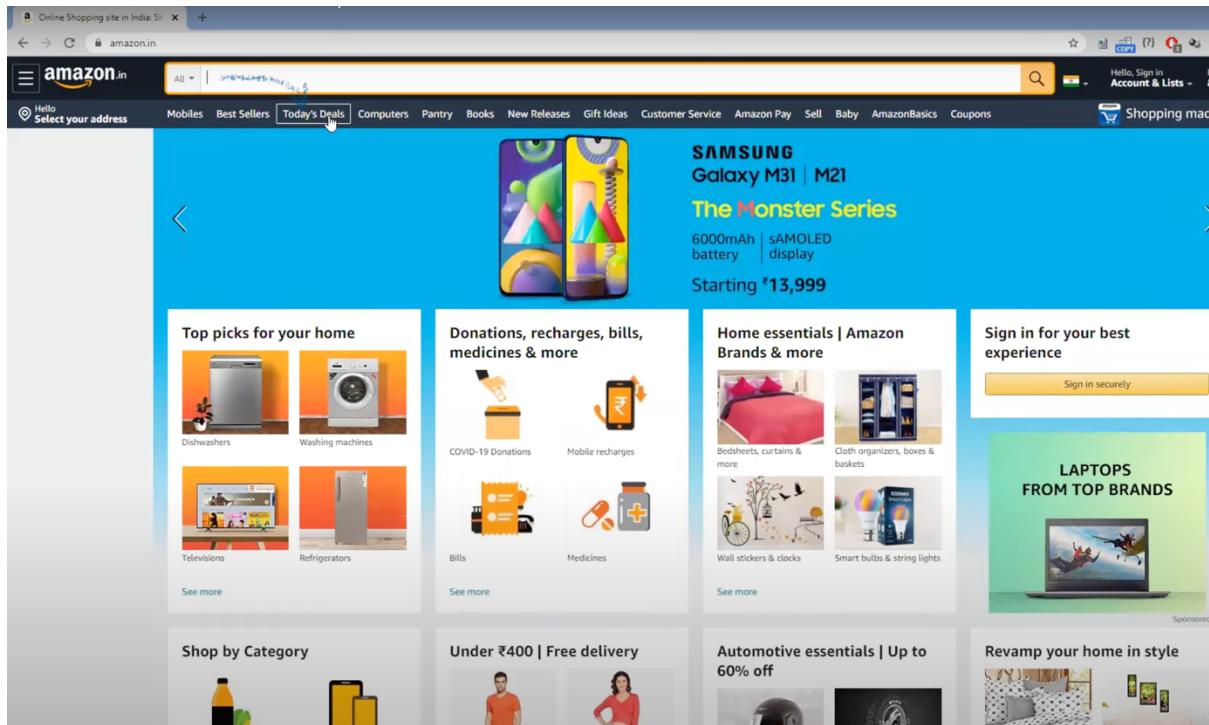
CP XPath //input[@id='u_0_o'] ⓘ

5) Locate surname from female radio button in facebook(Ancestor)
`//input[@id='u_0_4']/ancestor::div[2]/div[1]/div/div[2]
//input[@id='u_0_4']/ancestor::div[2]//input[@id='u_0_o']`



Google search button –self → buradan search box in icine git ve locate et





This screenshot shows the same Amazon.in homepage as above, but with the 'Today's Deals' link in the navigation bar highlighted in green. To the right, a developer tools window from Google Chrome is open, showing the DOM structure of the page. The 'Elements' tab is selected, and the code for the navigation bar is visible, including links for mobile phones, best sellers, and today's deals. The developer tools also show the XPath query used to identify the 'Today's Deals' link.

:: dan sonra tag ismi gelir herzaman

8) Identify the Hello, Signin from the amazon search text box present in the amazon home page. (Following)
`//input[@id='twotabsearchtextbox']//following::span[contains(text(),'Hello, Sign in')]`

9) Identify Mobiles link which is part of Menu bar - Amazon (**Descendant**)
//div[@id='nav-xshop']/descendant::a[contains(text(),'Mobiles')]

The screenshot shows the Amazon.in homepage. In the top left, there's a 'Hello Select your address' dropdown, a search bar, and a cart icon. The top right has links for 'Hello, Sign in', 'Account & Lists', '>Returns', 'Try Prime', and a 'Cart' icon. Below the header, there's a banner for 'Get daily rewards up to ₹500' and an 'amazon pay' section. The main content area features several promotional boxes: 'Top picks for your home' (Dishwashers, Washing machines, Televisions, Refrigerators), 'Donations, recharges, bills, medicines & more' (COVID-19 Donations, Mobile recharges, Bills, Medicines), 'Home essentials | Amazon Brands & more' (Bedding, curtains & more, Cloth organizers, Boxes & baskets, Wall stickers & clocks, Smart bulbs & string lights), and a 'Sign in for your best experience' box with a 'Sign in securely' button and a 'Laptops from top brands' section. Below these are 'Shop by Category' (Bottles, Smartphones), 'Under ₹400 | Free delivery' (Man, Woman), 'Automotive essentials | Up to 60% off' (Car parts), and 'Revamp your home in style' (Furniture). On the right, the developer tools are open, specifically the 'Elements' tab. It shows the DOM structure of the page, focusing on the navigation bar. A search bar at the bottom of the dev tools has the XPath expression: //a[contains(text(),'Mobiles')]. The results pane shows one matching element: Mobiles == \$0.

We use them generally in very complex websites like amazon

XPath Axes

Self
Parent
Child
Ancestor
Descendant
Following
Following-sibling
Preceding
preceding-sibling

Bulmak istedigimiz elementin yakinda bulunan biseyi inspect et sonra xpath axes lerde uygun olan birini kulan ve locate et