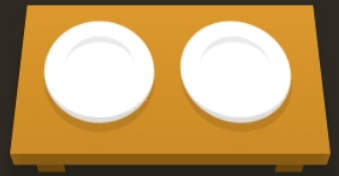
Select the plates

Help, I'm stuck!



C# Editor webguitest.cs

```
1  //plate
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <plate />
3    <plate />
4  </div>
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
```


Type Selector

Select elements by their type

```
//A
```

Selects all elements of type `A`. Type refers to the type of tag, so `<div>`, `<p>` and `<ul>` are all different element types.

Examples

`//div` selects all `<div>` elements.

`//p` selects all `<p>` elements.

Xpath Diner

Share

Select the bento boxes

Help, I'm stuck!

C# Editor webguitest.cs

```
//bento
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <bento />
  <plate />
  <bento />
</div>
```

Level 2 of 26 ✓

Type Selector

Select elements by their type

//A

Selects all elements of type `A`. Type refers to the type of tag, so `<div>`, `<p>` and `<ul>` are all different element types.

Examples

`//div` will select all `<div>` elements.

`//p` will select all `<p>` elements.

Xpath Diner

Share

Select the apple on a plate

Help, I'm stuck!

C# Editor webguitest.cs

```
1  //plate/apple
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <bento>
3      <apple />
4    </bento>
5    <plate>
6      <apple />
7    </plate>
8    <apple />
9  </div>
10
11
12
13
14
15
16
17
18
19
20
```

Level 3 of 26 ✓

Absolute Path Selector

Select element by their absolute path

`//A/B`

Selects all elements of type `B` with Parent `A`.

Examples

`//div/a` will select all `<a>` elements. within a `<div>`.

Select all elements

C# Editor webguitest.cs

```
1  //*
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <bento />
3    <plate />
4    <bento />
5  </div>
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
```


Relative Selector

Select elements by using relative path

`//*`

Selects all elements in relative path. Eg. //* selects all elements on a page.

Examples

`//*` will select all elements.

Select all apples on any other element

C# Editor webguitest.cs

```
1  //*/apple
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <apple />
3    <plate>
4      <apple />
5    </plate>
6    <bento>
7      <apple />
8    </bento>
9  </div>
10
11
12
13
14
15
16
17
18
19
20
```


Relative Selector

Select elements by using relative path

`//*/A`

Selects all elements in relative path. Eg. //*/div selects all elements on a page which are divs and have a parent.

Examples

`//*/div` will select all div elements with atleast one parent element

Select the fancy plate

C# Editor webguitest.cs

```
//*[@id="fancy"]
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <plate id="fancy" />
  <plate />
  <bento />
</div>
```


Attribute Selector

Select elements with an Attribute

`//*[@id='Element ID']`

Selects the element with the `id` attribute. You can also combine the ID selector with the type selector. Works on all attributes E.g. `class`, `name`, `placeholder`

Examples

`//*[@id="Element ID"]` will select any element with `id="cool"`

`//ul[@id="long"]` will select `<ul id="long">`

Select the apple on the plate

C# Editor — webguitest.cs

```
1  //plate/apple
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer — table.html

```
1  <div class="table">
2    <bento />
3    <plate>
4      <apple />
5    </plate>
6    <apple />
7  </div>
8
9
10
11
12
13
14
15
16
17
18
19
20
```


Descendant Selector

Select an element inside another element

`//A/B`

Selects all `B` inside of `A`. Here `B` is the descendant element, meaning an element that is inside of another element.

Examples

`//p/strong` will select all `<strong>` that are descendants of any `<p>`

`//*[@id="fancy"]/span` will select any `<span>` that is a descendant of any element with `id="fancy"`

Select the pickle on the fancy plate

C# Editor webguitest.cs

```
//*[@id="fancy"]/pickle
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <bento>
    <orange />
  </bento>
  <plate id="fancy">
    <pickle />
  </plate>
  <plate>
    <pickle />
  </plate>
</div>
```


Combine the Descendant & ID Selectors

`//*[@id='id']/A`

You can combine any selector with the descendent selector.

Examples

`//*[@id="cool"]/span` will select all `<span>` elements that are inside of elements with `id="cool"`

Select the small apples

C# Editor webguitest.cs

```
//*[contains(@class,"small")]
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <apple />
  <apple class="small" />
  <apple />
  <apple class="small" />
</div>
```


Class Selector

Select elements by their class

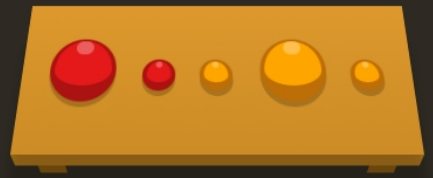
```
//*
[contains(@Attribute,'value')]
```

The contains selector selects all elements with that attribute which contains given value. Elements can only have one ID, but may contain many classes.

Examples

`//*[contains(@class,"neato")]` selects all elements with `class="neato"`

Select the small oranges



C# Editor webguitest.cs

```
1  //orange[contains(@class,"small")]
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <apple />
3    <apple class="small" />
4    <orange class="small" />
5    <orange />
6    <orange class="small" />
7  </div>
8
9
10
11
12
13
14
15
16
17
18
19
20
```


More specific Attribute Selector

`//A[contains(@Attribute,'value')]`

You can be more specific with Selectors.

Examples

`//ul[contains(@class,"important")]` will select all `<ul>` elements that have `class="important stuff"`

`//input[@placeholder="Name"]` will select all elements with `<input>` that have `placeholder="Name"`

Select the small oranges in the bentos

C# Editor webguitest.cs

```
//bento/orange[contains(@class,"small")]
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <bento>
    <orange />
  </bento>
  <orange class="small" />
  <bento>
    <orange class="small" />
  </bento>
  <bento>
    <apple class="small" />
  </bento>
  <bento>
    <orange class="small" />
  </bento>
</div>
```


You can do it...

Put your back into it!

Combine what you learned in the last few levels to solve this one!

Select all the plates and bentos

C# Editor webguitest.cs

```
//plate|//bento
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <pickle class="small" />
  <pickle />
  <plate>
    <pickle />
  </plate>
  <bento>
    <pickle />
  </bento>
  <plate>
    <pickle />
  </plate>
  <pickle />
  <pickle class="small" />
</div>
```


| Combinator

Combine, selectors, with... |!

`//A|//B`

`//A` | `//B` elements. You can combine any selectors this way, and you can specify more than two.

Examples

`//p| //*[@id="fun"]` will select all `<p>` elements as well as all elements with `id="fun"`

`//a|//p|//div` will select all `<a>`, `<p>` and `<div>` elements

Select everything on a plate

C# Editor webguitest.cs

```
//plate/*
{

/*
Type a number to skip to a level.
Ex → "5" for level 5
*/
```

enter

HTML Viewer table.html

```
<div class="table">
  <apple />
  <plate>
    <orange class="small" />
  </plate>
  <bento />
  <bento>
    <orange />
  </bento>
  <plate id="fancy">
    <apple />
  </plate>
</div>
```


Universal Selector

`//A/*`

This will select all elements inside of `A`.

Examples

`//p/*` will select every element inside all `<p>` elements.

`//ul[@id="fancy"]/*` will select every element inside all `<ul id="fancy">` elements.

Select every apple that's next to a plate

C# Editor webguitest.cs

```
1  //plate/following-sibling::apple
2  {
3
4  /*
5  Type a number to skip to a level.
6  Ex → "5" for level 5
7  */
8
9
10
11
12
13
14
15
16
17
18
19
20
```

enter

HTML Viewer table.html

```
1  <div class="table">
2    <apple class="small" />
3    <plate>
4      <pickle />
5    </plate>
6    <apple class="small" />
7    <plate>
8      <apple />
9    </plate>
10 </div>
11
12
13
14
15
16
17
18
19
20
```


Adjacent Sibling Selector

Select an element that directly follows another element

`//A/following-sibling::B`

This selects all `B` elements that directly follow `A`. Elements that follow one another are called siblings. They're on the same level, or depth.

In the HTML markup for this level, elements that have the same indentation are siblings.

Examples

`//p/following-sibling::div` will select every element with `<div>` that directly follows a `<p>`

`//div//following-sibling::a` will select every `<a>` element that directly follows a `<div>`