jQuery Selectors

The selector in jQuery is a function that selects nodes i.e. elements from the Document Object Model.

In simple words, it is a function, that is used to select/manipulate one or more HTML elements using jQuery.

Selectors	Description	Syntax
*	Selects all the elements in the document	$("*")
.class	Specifies the class for an element to be selected.	$(".class")
element	Select and modify HTML elements	$("element_name")
#id	Specifies an id for an element to be selected.	$("#id")
:hidden	Selects hidden elements to work upon.	$(":hidden")
:visible	Selects all the elements that are currently visible	$(":visible")
parent > child	Select all elements that are the direct child of parent.	("parent > child")
ancestor-descendant	Selects every descendant of a parent element.	$("parent descendant")
:animated	Change the state of the element with CSS style.	(selector).animate({styles}, para1, para2, para3);
:first	Selects the first element of the specified type.	$(":first")
:last	Selects the last element of the specified type.	$(":last")
:even	Selects even number index from the elements.	$(":even")
:odd	Selects odd number index from the elements.	$(":odd")
:input	Used to select input elements and button	$(":input")
:button	Selects button elements and input elements with type="button".	$(":button")
:parent	Selects elements that are parent of another element.	$(":parent")
:contains()	Elements containing the specified string are selected.	$(":contains(text)")
:first-child	Every element that is the first child of its parent is selected.	$(":first-child")
:nth-child()	Selects all elements that are the nth-child of their parent.	$("Element:nth-child(Index/even/odd/equation)")
[name!="value"]	Selects element that doesn't have the specified value.	$("[attribute!='value']")
prev~siblings	Selects siblings of specified element	("element ~ siblings")
prev + next	Selects the just "next" element	$("element + next")

Final Code of Query Selectors (Only Javascript Code)

```javascript
//Universal Selector - *
$(document).ready(function() {
   $("*").css("background-color", "green"); // Universal(*)
});

//Class
$(document).ready(function() {
   $(".geeks").css("Times New Roman", "Times", "serif"); // class
});
```

```javascript
//Element
//Button is an element here
$(document).ready(function() {
    $("button").click(function() {
        $("ul").toggle();
    });
});
```

```javascript
// id
$(document).ready(function() {
   $("#wrap").css("font-weight", "bold");
});
```

```javascript
// hidden
$(document).ready(function() {
   $("h1:hidden").show(1000);
});
```

```javascript
// visible
$(document).ready(function() {
   $("a:visible").css( "color", "aqua");
});
```

```javascript
// parent > child
$(document).ready(function() {
   $("div > span").css( "background-color", "violet");
});
```

```javascript
// ancestor-descendant
$(document).ready(function() {
   $("div span").css("color", "blue");
});
```

```javascript
//Parent
$(document).ready(function() {
   $("#w2:parent").css("color", "white"); // parent
});
```

```javascript
//contains
$(document).ready(function() {
   $("h4:contains(Course)").css("font-family", "cursive"); // contains
});
```

```javascript
// animate
$(document).ready(function() {
   $("#btn1").click(function() {
       $("#box").animate({
           width: "300px"
       });
       $("#box").animate({
           height: "300px"
       });
   });
});
```

```javascript
// first
$(document).ready(function() {
    $("#lid:first").css("font-size", "large").css("list-style-type", "none");
});
```

```javascript
// last
$(document).ready(function() {
    $("#lid2:last").css("color", "white"); // last
});
```

```javascript
// even
$(document).ready(function() {
    $("tr:even").css("font-family", "Times New Roman");
});
```

```javascript
// odd
$(document).ready(function() {
    $("tr:odd").css("color", "white");
});
```

```javascript
// input
$(document).ready(function() {
    var allInputs = $(":input"); // input
    $("#GFG").text("Found "+ allInputs.length + " elements selected.");
});
```

```javascript
// button
$(document).ready(function() {
    $("#clkbtn").css("font-weight", "bold"); // button
});
```

```javascript
// first-child
$(document).ready(function() {
    $("h4:first-child").css( "color", "white");
});
```

```javascript
// [attribute!=value]
$(document).ready(function() {
    $("h4[id!='sid2']").css( "color", "white");
});
```

```javascript
// :nth-child()
$(document).ready(function() {
    $("h5:nth-child(2n-1)").css("font-family","system-ui");
    $("div + h4").css("word-spacing", // element + next
        "15px");
});
```

```javascript
// // element + next
$(document).ready(function() {
    $("div + h4").css("word-spacing", "15px");
});
```

```javascript
// element ~ siblings
$(document).ready(function() {
    $("div ~ h5").css("color", "blue");
});
```