

```
$("#jquery");
```

jQuery Basics

Web page

HTML

```
<html>
<head>...
<body>
<h1>
<h2>
<p>...</p>
<ol><li><li>
```

Content

- Headings
- Paragraphs
- Lists
- Images
- Links

CSS

```
<style>
Body {
  Color:...
ul#mylist {
  font-family
</style>
```

Presentation

- Colors
- Fonts
- Positioning

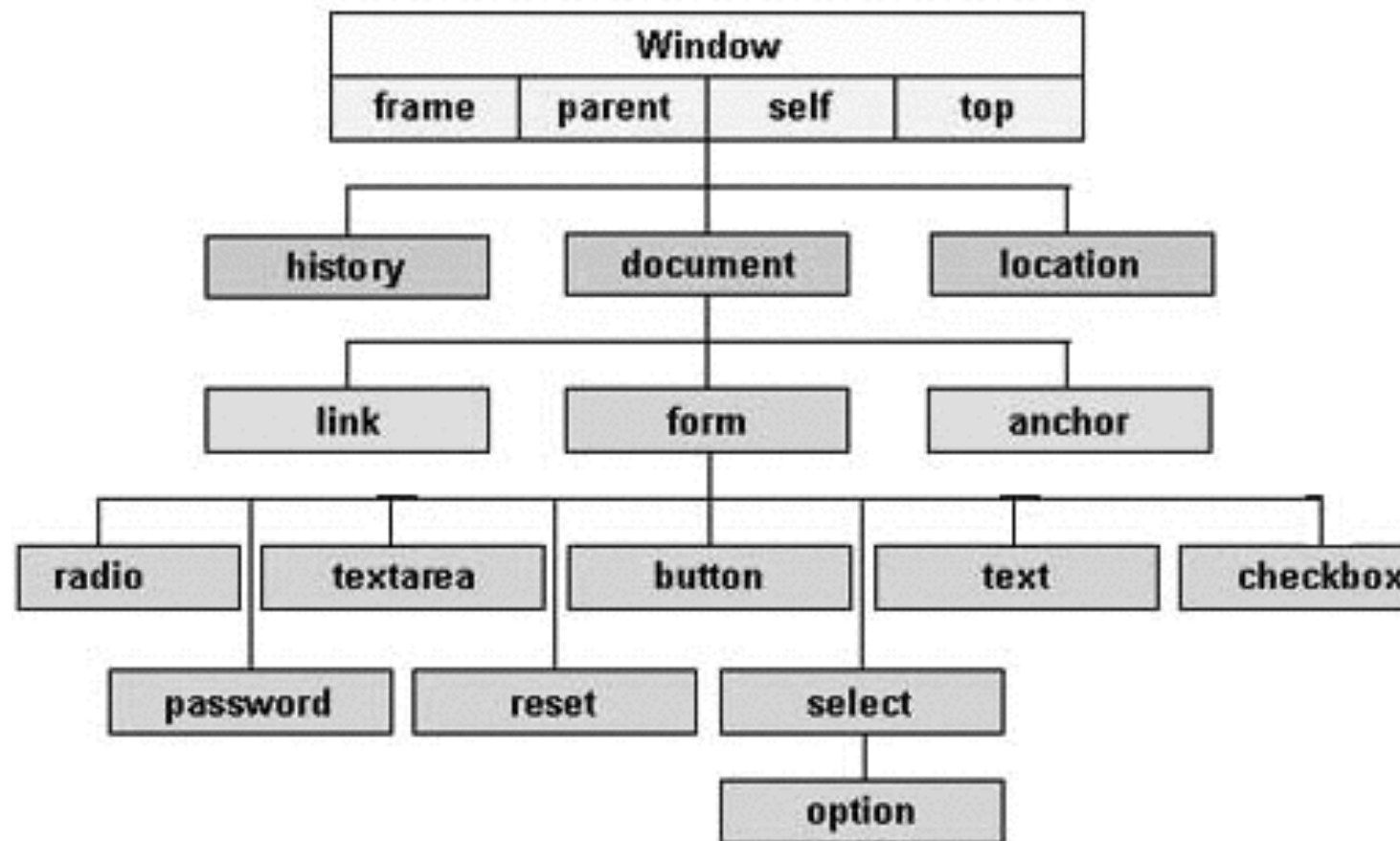
JavaScript

```
<script type=
"text/javascript"
```

Behavior

- AJAX data manipulation
- Error checking
- pop-up calendars
- special effects

Document Object Model



Hands On!

The DOM

history

```
window.history.length  
window.history.back();  
window.history.forward();  
window.history.go(-1);  
window.history.go(+1);
```

location

```
window.location  
window.location = "http://google.com";  
window.location.reload();
```

document

```
document.getElementsByTagName("header");  
document.getElementsByClassName("quote");  
var el = document.getElementById("summary");
```

```
el.innerHTML  
el.innerHTML = "text";
```

```
var t = document.createTextNode("Text to add");  
el.appendChild(t);
```

jQuery

```
$("#summary")  
$("header")  
$(".quote")
```

Accessing the dom

```
.html("Some html string here")  
.text("Some string here")  
.val("value here");
```

Accessing and changing the content

```
.css("background", "blue");  
.addClass("quote");  
.removeClass("quote");
```

Modifying the appearance

```
.append(content);  
.remove();
```

Adding / removing content

```
.find(selector)
```

Filtering elements


```
.click(function(){  
});
```


Delegating event handlers

Exercises



List of items

 Super nice t-shirt


 Super nice t-shirt

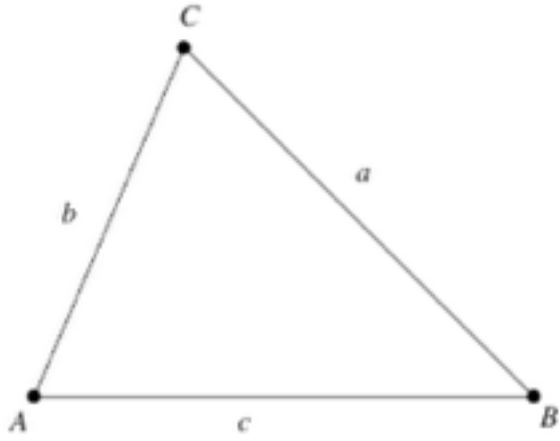
Filter

1. Load the elements from data.js (products array)
2. Filter the elements of the list
3. Click to select, and then remove

Triangle

Try >

Side a Side b Side c 



Triangle information has not been provided.

output message

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Valid triangle

$$a + b > c$$

$$b + c > a$$

$$a + c > b$$

Test

Input

Expected output

Successful input error handling

The user enters a non valid number

error message

Successfully verifying a triangle (*)

Valid triangle sides (e.g., 2, 3, 4)

message confirming that the triangle is valid

Successfully determining a equilateral triangle

Valid equilateral triangle (e.g., 3, 3, 3)

message confirming that the triangle is *equilateral*

Successfully determining an isosceles triangle

Valid isosceles triangle (e.g., 4, 4, 1)

message confirming that the triangle is *isosceles*

Successfully determining a scalene triangle

Valid scalene triangle (e.g., 3, 4, 5)

message confirming that the triangle is *scalene*