```
1. initial setup and concept
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("p").click(function(){
        $(this).hide();
    });
});
</script>
</head>
<body>

<p>If you click on me, I will disappear.</p>
<p>Click me away!</p>
<p>Click me too!</p>

</body>
</html>


2. embedding, linking via CDN
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("p").hide();
    });
});
</script>
</head>
<body>

<h2>This is a heading</h2>

<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

<button>Click me</button>

</body>
</html>
```

```
3. # notations
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("#test").hide();
    });
});
</script>
</head>
<body>

<h2>This is a heading</h2>

<p>This is a paragraph.</p>
<p id="test">This is another paragraph.</p>

<button>Click me</button>

</body>
</html>


4. .class notations
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $(".test").hide();
    });
});
</script>
</head>
<body>

<h2 class="test">This is a heading</h2>

<p class="test">This is a paragraph.</p>
<p>This is another paragraph.</p>

<button>Click me</button>

</body>
</html>
```

5. adjust all button elements, with selector of type button

```html
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $(":button").hide();
    });
});
</script>
</head>
<body>

<h2>This is a heading</h2>

<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

<button>Click me</button>

</body>
</html>
```

6. jquery events, dom events (hover), among others

```html
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("#p1").hover(function(){
        alert("You entered p1!");
    },
    function(){
        alert("Bye! You now leave p1!");
    });
});
</script>
</head>
<body>

<p id="p1">This is a paragraph.</p>

</body>
</html>
```

```
7.
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("p").on({
        mouseenter: function(){
            $(this).css("background-color", "lightgray");
        },
        mouseleave: function(){
            $(this).css("background-color", "lightblue");
        },
        click: function(){
            $(this).css("background-color", "yellow");
        }
    });
});
</script>
</head>
<body>

<p>Click or move the mouse pointer over this paragraph.</p>

</body>
</html>
```

```
8. effects 1: fades and fade speeds
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("#div1").fadeIn();
        $("#div2").fadeIn("slow");
        $("#div3").fadeIn(3000);
    });
});
</script>
</head>
<body>

<p>Demonstrate fadeIn() with different parameters.</p>

<button>Click to fade in boxes</button><br><br>

<div id="div1" style="width:80px;height:80px;display:none;background-
color:red;"></div><br>
<div id="div2" style="width:80px;height:80px;display:none;background-
color:green;"></div><br>
<div id="div3" style="width:80px;height:80px;display:none;background-
color:blue;"></div>

</body>
</html>
```

8-2. callback

```html
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("p").hide("slow", function(){
            alert("The paragraph is now hidden");
        });
    });
});
</script>
</head>
<body>

<button>Hide</button>

<p>This is a paragraph with little content.</p>

</body>
</html>
```

9. method chaining

```html
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("#p1").css("color", "red").slideUp(2000).slideDown(2000);
    });
});
</script>
</head>
<body>

<p id="p1">jQuery is fun!!</p>

<button>Click me</button>

</body>
</html>
```

10. getting inner html and text content from an html element

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("#btn1").click(function(){
        alert("Text: " + $("#test").text());
    });
    $("#btn2").click(function(){
        alert("HTML: " + $("#test").html());
    });
});
</script>
</head>
<body>

<p id="test">This is some <b>bold</b> text in a paragraph.</p>

<button id="btn1">Show Text</button>
<button id="btn2">Show HTML</button>

</body>
</html>
```

11. grabbing content from an html form element using a variable

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        alert("Value: " + $("#test").val());
    });
});
</script>
</head>
<body>

<p>Name: <input type="text" id="test" value="Mickey Mouse"></p>

<button>Show Value</button>

</body>
</html>
```

12. security relevance: analyzing the content of an html element's attribute

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        alert($("#w3s").attr("href"));
    });
});
</script>
</head>
<body>

<p><a href="http://www.w3schools.com" id="w3s">W3Schools.com</a></p>

<button>Show href Value</button>

</body>
</html>
```

13.