

LAPORAN

PELATIHAN W3SCHOOLS JQUERY



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jQuery Introduction

jQuery merupakan pustaka (*library*) JavaScript lintas-platform yang didesain untuk menyederhankan *client-side scripting* pada pemrograman HTML. Fungsi dari jQuery adalah mengompres berbagai baris (*line*) kode ke dalam satu buah fungsi sehingga dalam menyelesaikan satu *task*, semua baris kode tidak perlu ditulis kembali.

Latihan-Latihan

jQuery Selectors

Use the correct selector to hide all <p> elements.

```
$("#p").hide();
```

Use the correct selector to hide an element with id="test".

```
$("#test").hide();
```

Use the correct selector to hide all elements with class="test".

```
$(".test").hide();
```

Use the correct selector to hide all elements in the document.

```
$("*").hide();
```

Use the correct selector to hide all elements with an href attribute.

```
$("[href]").hide();
```

Use the correct selector to hide all odd table rows in a table.

```
$("tr:odd").hide();
```

jQuery Events

Use the correct event to hide all <p> elements with a "click".

```
$("#p").click(function(){
    $(this).hide();
});
```

Use the correct event to hide all <p> elements with a "double-click".

```
$("#p").dblclick(function(){
    $(this).hide();
});
```

When the mouse pointer enters a <p> element, it should be hidden. Use the correct event to do so. Use the `on()` method to attach a click event handler to all <p> elements.

```
$("#p").mouseenter(function(){
    $(this).hide();
});
```

```
$("#p").on("click", function(){
    $(this).hide();
});
```

If you press a keyboard key inside an <input> element, it should be hidden. Use the correct event to do so.

```
$("#input").keypress(function(){
    $(this).hide();
});
```

jQuery Hide and Show

Use a jQuery method to hide a <p> element when it is clicked on.

```
$("#p").click(function(){
    $(this).hide();
});
```

Use a jQuery method to show a <p> element.

```
$("#button").click(function(){
    $("#p").show();
});
```

jQuery Fade

Use a jQuery method to fade out a <div> element.

```
$("#div").fadeOut();
```

jQuery Slide

Use a jQuery method to slide up a <div> element.

```
$("#div").slideUp();
```

Use a jQuery method to slide down a <div> element.

```
$("#div").slideDown();
```

jQuery Animate

Use the `animate()` method to set the height of a <div> element to 500 pixels.

```
$("#div").animate({height: '500px'});
```

jQuery Stop

Use a jQuery method to stop the animation effect of a <div> element.

```
$("#div").stop();
```

Use a jQuery method to return the value of an input field.

```
$("#input").val();
```

jQuery Get

Use a jQuery method to return the URL address of a link.

```
$("#a").attr("href");
```

jQuery Set

Use a jQuery method to change the value of an image's `src` attribute to "myimage.jpg".

```
$("#img").attr("src", "myimage.jpg");
```

Use jQuery to change the text of a link to "Demo",

and change the value of href's attribute value to "www.demo.com".

```
$("#myLink").text("Demo");  
$("#myLink").attr("href", "https://www.demo.com");
```

jQuery Add

Use a jQuery method to insert the text "YES!" at the end of a `<p>` element.

```
$("#p").append("YES!");
```

Use a jQuery method to insert the text "YES!" at the beginning of a `<p>` element.

```
$("#p").prepend("YES!");
```

jQuery Remove

Use a jQuery method to remove a `<div>` element.

```
$("#div").remove();
```

Use a jQuery method to only remove the child elements of a `<div>` element.

```
$("#div").empty();
```

Use a jQuery method to remove all `<div>` elements with `class="test"` and `class="demo"`.

```
$("#div").remove(".test, .demo");
```

jQuery CSS Classes

Use a jQuery method to add the "important" class to a <p> element.

```
$("#p").addClass("important");
```

Use a jQuery method to add both the "important" and "test" class to a <p> element.

```
$("#p").addClass("important test");
```

Use a jQuery method to remove the "important" class from a <p> element.

```
$("#p").removeClass("important");
```

Use a jQuery method to toggle between adding and removing the "important" class from the <p> element on click.

```
$("#p").click(function(){  
    $(this).toggleClass("important");  
});
```

jQuery CSS

Use the `css()` method to add a 5 pixels red dotted border to a <p> element.

```
$("#p").css("border", "5px dotted red");
```

Use the `css()` method to set the following styles for <p>:

Green background color, white text color, 25 pixels font size and a padding of 15 pixels.

```
$("#p").css({  
    "background-color": "green",  
    "color": "white",  
    "font-size": "25px",  
    "padding": "15px"  
});
```

jQuery Dimensions

Use jQuery methods to set the height and width of <div> to 500 pixels.

```
$("#div").height(500).width(500);
```

Use a jQuery method to get the height of a <div> element, excluding padding, border and margin.

```
$("#div").height()
```

Use a jQuery method to get the height of a <div> element, including padding (not border and margin).

```
$("#div").innerHeight()
```

Use a jQuery method to get the height of a <div> element, including padding and border.

```
$("#div").outerHeight();
```

Use a jQuery method to get the height of a <div> element, including padding, border and margin.

```
$("#div").outerHeight(true)
```

jQuery Traversing

Use a jQuery method to get the direct parent of a element.

```
$("#span").parent();
```

Use a jQuery method to get all ancestors of a element.

```
$("#span").parents();
```

Use a jQuery method to get all direct children of a <div> element.

```
$("#div").children();
```

Use a jQuery method to get all elements that are descendants of <div>.

```
$("#div").find("span");
```

Use a jQuery method to get all siblings elements of an <h2> element.

```
$("#h2").siblings();
```

Use a jQuery method to get the first <div> element in the document.

```
$("#div").first();
```