

jQuery Introduction

Which of the following two lines of code is more efficient?

- A. `document.getElementById("name")`
- B. `$("#name")`

Event & Animation

AddEventListener: Please fill in the space with the letter below

`$(__).__(__, __)`

- A. A function with the stuff we want to do
- B. The target element being listening to
- C. on
- D. The type of event being listened for

Animation: Slowly change the margin-left property of a <div> with id "magic" to 20px.

`$().animate(_____, _____)`

CSS/HTML Manipulation

Updating Content: Your task is to change the text in <h1> element to the value of input every time input value changes. We've created an event listener that will run when input changes.

For example, when input has value is "I love CSE3901", we'll have <h1 id="myArticleTitle">I love CSE3901</h1>

Html file:

```
<div class="articles">
  <input id="input" value=" My Great Title " type="text">
  <h1 id="myArticleTitle">My Great Title</h1>
  <p>My Great Content</p>
</div>
```

JavaScript file

```
$('#input').on('change', function() {
  var value;
  value = // Your code goes here
});
```

AJAX

Question: What is the name of the object passed between the client and server during an AJAX call.

Synthesis: Construct the core ajax function call that the helper function would create.

`$.get("website.com", "name=jQuery", function(data){ $("body").append(data);}, "html");`

```
var response = $.ajax({
```

```
// Your code goes here
```

```
});
```

```
response.done(
```

```
// Your code goes here
```

```
);
```

Answers:

jQuery Introduction

B is more efficient. jQuery is build on JavaScript and triggers a javascript call when executing.

Event & Animation

1. \$(B).C(D, A)
2. Possible correct answers

```
$("#magic").animate({marginLeft: "20px", "slow" })
$("#magic").animate({"marginLeft": "20px", "slow" })
$("#magic").animate({"margin-left": "20px", "slow" })
$("#magic").animate({marginLeft: "20px", 600 })
$("#magic").animate({"marginLeft": "20px", 600 })
$("#magic").animate({"margin-left": "20px", 600 })
```

CSS/HTML Manipulation

```
<input id="input" value="ArticleTitle" type="text">
<h1 id="myArticleTitle">My Great Title</h1>
$('#input').on('change', function() {
    var value, title;
    value = $('#input').val();
    title = $('article').children('h1'); //it's not the only method to select the element
    title.text(value);
});
```

AJAX

Question:

The client and server send an XHR object in the background. XHR stands for XML-HTTP-Request.

Synthesis:

```
var response = $.ajax({
    url: "website.com"
    data: "name=jQuery"
        dataType: "html"
});

response.done(
    function(data){
        $("body").append(data);
    }
);
```