Kelley Fischer

CIS1408 - Web Programming II

February 25th, 2020

[Index Page](http://kelleyfischer.com/jQuery/ch4_index/index.html)

[Exercises](http://kelleyfischer.com/jQuery/ch4_index_exercises/index.html)

1. Regarding jQuery and vendor-specific properties, which of the following is true:
   1. jQuery is incompatible with vendor-specific properties entirely
   2. Using jQuery requires we test for the existence of the DOM equivalent variations
   3. jQuery does not account for these properties and they must be added through a style sheet
   4. jQuery loops through vendor prefixes behind the scenes to find a matching property when one is not found, page 91
2. For two animations to occur simultaneously, you must:
   1. Chain them together to create a queue
   2. Place both properties to be animated within the animate() method, page 101
   3. Apply each animation on its own separate line within brackets
   4. Animations cannot occur simultaneously

// Begin Assignments

/\*------------------------ Exercise 1 -----------------------\*/

$('body').fadeIn('slow');

/\*---------------------- Exercise 2 -------------------------\*/

var currentBackground;

$('p').hover(function() {

currentBackground = $(this).css('backgroundColor');

$(this).css('backgroundColor', 'yellow');

}, function() {

$(this).css('backgroundColor', currentBackground);

});

/\*---------------------- Exercise 3 ----------------------\*/

$('h2').eq(0).click(function() {

var $title = $(this);

$title

.animate({

opacity: '0.25',

marginLeft: '20px'

}, 'slow')

.queue(function(next) {

$('p').fadeTo('slow', 0.5);

next();

})

});

/\*----------------------- Exercise 4 ------------------------\*/

$(document).keydown(function(event) {

var key = event.keyCode;

var $switcher = $('#switcher');

$switcher.css('position', 'relative');

switch (key) {

case 37:

$switcher.animate({left: '-=20px'}, 'slow');

break;

case 38:

$switcher.animate({top: '-=20px'}, 'slow');

break;

case 39:

$switcher.animate({right: '-=20px'}, 'slow');

break;

case 40:

$switcher.animate({bottom: '-=20px'}, 'slow');

break;

}

});

// End Assignments