

showSeconds() with setInterval()

<http://jsbin.com/duruwa/1/edit?html,output>

Circular box with setTimeout()

<http://jsbin.com/fevudo/1/edit?html.js,output>

Circular box with flipClass()

<http://jsbin.com/doxuxo/1/edit?html,output>

Animation with random positions()

<http://jsbin.com/cihipo/1/edit?html,output>

Session-7

Session #7: Turkey session (use Turkey images and theme)

Worksheet #1: add/remove classes

Using: `$.addClass()`, `$.removeClass()`

- Let's create the following short animation file in neocities: **circularBox.html**

```
<html>
<style>
    .block {
        width: 200px;
        height: 200px;
        border: 10px solid red;
        background-color: pink;
        transition: 1s;
    }

    .circle {
        border-radius: 500px;
    }
</style>

<div class="block"></div>
<script src="http://code.jquery.com/jquery-1.11.1.js"></script>
<script>
    // Use web inspector's console, one line at a time:
    $(".block").addClass("circle");
    $(".block").removeClass("circle");
```

```
</script>
</html>
```

- Let's go back to our previous **shapes.html** saved in neocities. If not, create the following classes: **.rounded**, **.circle**, **.square**, and **.rectangle**
- Let's add animation to the elements using **\$.addClass()** and **\$.removeClass()**

Worksheet #2: Timers

Using: *setTimeout()*, *setInterval()*

Example: *setTimeout()*

```
<h1 class="timer">Timer</h1>
<script src="http://code.jquery.com/jquery-1.11.1.js"></script>
<script>

    var showFun = function() {
        alert("FUN");
    };

    setTimeout(showFun, 2000); // Show alert() in 2 seconds
    setTimeout(showFun, 4000); // Show alert() in 4 seconds

</script>
```

Example: *setInterval()*

```
<h1 class="timer">Timer</h1>
<script src="http://code.jquery.com/jquery-1.11.1.js"></script>
<script>
    var seconds = 0;

    var showSeconds = function() {
        seconds = seconds + 1;
        $(".timer").text("Seconds passed: " + seconds);
    }

    setInterval(showSeconds, 1000);

</script>
```

Worksheet #4: Animations w/Timers and If-Then

Using: boolean variable and if-else

```
<style>
    .block {
        width: 200px;
        height: 200px;
        border: 10px solid red;
        background-color: pink;
        transition: 1s;
    }

    .circle {
        border-radius: 500px;
    }
</style>

<div class="block"></div>
<script src="http://code.jquery.com/jquery-1.11.1.js"></script>
<script>

    var isRounded = false;

    var flipClass = function() {
        if (isRounded) {
            $(".block").removeClass("circle");
            isRounded = false;
        } else {
            $(".block").addClass("circle");
            isRounded = true;
        }
    };

    setInterval(flipClass, 1000);

</script>
```

Worksheet #5: Animations w/position

Session-8

Worksheet #1: Holiday Card

- a) We'll fade out and fade in for 3 background images
- b) Last background we can overlay text (also fade in slowly)
- c) After 10 seconds, we play CSS animation using jquery and setInterval().
- d) Play music after 10 seconds or from the start (automatically)

Worksheet #2: Sound and Movie

Using: <embed> for audio and video

Worksheet #3: Clicking a button (Not needed for the final activity!)

Using: \$.on('click')