

**AME 220 1st Assignment**  
**Due Wednesday September 21st before class at 10:29am.**

Simple jQuery Animate program to get used to HTML5, CSS, JavaScript, jQuery, Web Inspector and other basic tools. This assignment will be worth 15% of your overall grade.

Readings for this assignment:

- jQuery for absolute beginners -- Video series (14 parts)  
<https://www.youtube.com/watch?v=loAVkjDhGel>
- jQuery API Reference <http://api.jquery.com/>
- jQuery animate(): [http://www.w3schools.com/jquery/eff\\_animate.asp](http://www.w3schools.com/jquery/eff_animate.asp)
- JavaScript (JS) Tutorial <http://www.w3schools.com/js/>
- Easing functions: <http://easings.net/>
- jQuery Easing Plugin: <http://gsgd.co.uk/sandbox/jquery/easing/>

Objective:

Create a simple html file (include and required JavaScript) with 30 rectangular boxes. Each box must display the following terms:

1. swing
2. easeInQuad
3. easeOutQuad
4. easeInOutQuad
5. easeInCubic
6. easeOutCubic
7. easeInOutCubic
8. easeInQuart
9. easeOutQuart
10. easeInOutQuart
11. easeInQuint
12. easeOutQuint
13. easeInOutQuint
14. easeInSine
15. easeOutSine
16. easeInOutSine
17. easeInExpo
18. easeOutExpo
19. easeInOutExpo
20. easeInCirc
21. easeOutCirc
22. easeInOutCirc
23. easeInElastic
24. easeOutElastic
25. easeInOutElastic

- 26. easeInBack
- 27. easeOutBack
- 28. easeInOutBack
- 29. easeInBounce
- 30. easeOutBounce

When a box is clicked, the box should move from left edge of the screen to the right edge of the screen. Any successive clicks should toggle the position of the clicked box between left and right.

Rubric for grading (15 points total)

- \_\_\_\_ 5 pts-- If the boxes with text appears
- \_\_\_\_ 5 pts-- If you click and the box moves to right
- \_\_\_\_ 5 pts-- If you click and the position toggles