

# Lab 3 Instructions –JavaScript Events and the Date Object

CS 133JS, Beginning Programming: JavaScript

## Overview

The objective of this lab is to give you practice:

- Insert a value into a Web form field
- Work with event handlers—such as the onload event
- Create and work with Date objects
- Extract information from Date objects

## Part 1: Tulsa's New Year's Bash

Do the first part of tutorial 11, Session 11.1, on pages 743 through 761 of your textbook.

## Part 2

### ***Assignment Group B – How many days left in the term?***

Make a page that displays today's date at the top. The date the term ends should be shown further down the page. When a user moves their mouse pointer over the date the term ends, the number of days until the end of the term will be shown in a pop-up dialog.

Implementation notes:

- Use an input element to display today's date
- Today's date should be updated every time the page loads
- The date the term ends should be in a non-input element (like a <p>, <h2>, <div>, etc.
- The date the term ends can just be regular text, or it could come from JavaScript.
- Use a function to pop up an alert showing the number of days until the end of the term.

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### Submitting your lab work

1. Beta Version and Code Review
  - a. Zip the entire tutorial.11/tutorial folder (with just the code you completed for the first half of tutorial 11).
  - b. Post the zip file above and your completed web page from part 2 in the *Lab 3 Beta + Discussion* forum so a lab partner can review it for you.
  - c. Review one of your lab partners' lab assignments using the Code Review Form provided and post the review in the *Lab 3 Beta + Discussion* forum.
  - d. Submit a copy of the code review above to the Lab 3 Code Review assignment.
2. Production Version
  - a. Based on the review and helpful advice from your lab partners, you may revise your code. On the code review you got from your lab partner, fill out the "Production" column to show what you revised.
  - b. Submit the following to the *Lab 3 Production* assignment:
    - i. Your zipped tutorial folder from Part 1
    - ii. Your web page from part 2
    - iii. The code review from your lab partner (after you have completed the "Production" column)