IS:141 Final Project

**Worth:** 40 points, not including possible Extra Credit

**Description:** Interactive Greeting Card

In this project you will design and build an interactive greeting card web page. The card must have the following features:

(5 pts) Be an html web page that can be viewed on both Firefox and Chrome.

(5 pts) Open up with an animated text greeting of some sort that is appropriate to the occasion and the type of card it is. For example, it might say “A little bird told me it was your birthday” or “Now that the holidays are here” or “I can’t believe you are SO old!” or “I’m so sorry…” or something that is along the lines of what you might find on a greeting card. The text greeting should be large enough to read easily, and appropriately colorful. It should be animated Canvas Text, and it should be easily readable as it moves.

(5 pts) Your web site must contain a picture that you have created or embellished using Photoshop. Make sure to include this file in the zip folder with your final project, so it does not appear to be blank when I pull up the page. Also, if this was a photo, please include the original file so I can see how you embellished it.

(5 pts) Your web site must tell an interactive story. The end-user must be told to do something; it can be to add candles to a cake, to pin the nose on the reindeer, to throw the ball to the dog, to add the olive to the martini, to add the scoops of ice cream to the sundae dish, to pin the carrot on the snowman, or to somehow interact so as to accomplish this or another stated goal that is appropriate for your card. This 5 points is awarded based on your creativity of figuring out what you want the end-user to do in this interactive card, and how clearly you communicate what that task is.

(5 pts) Display the object that is to be moved to the proposed destination in the card, and make it so the user can grab it using their mouse and move it. (This is the technique that you learned on both the first and second chapter 20.)

(5 pts) When the object has been moved to the correct location, allow the user to unselect the object so it stays put in the new location.

(5 pts) Post a message that asks the user to press the END key when they are done, and detects it when the END key is pressed.

(5 pts) When the END key has been pressed display an HTML or Canvas text message that is appropriate to the card, such as “Happy Birthday” or “Thanks for playing” or “Happy Holidays.” Make sure the message is large and colorful, like the type of message you would see on a real greeting card.

Extra Credit #1 (5 points) Also play appropriate music as the user interacts with the card.

Extra Credit #2: (5 points) Make the original picture change to another, related, funny picture after the user presses END.