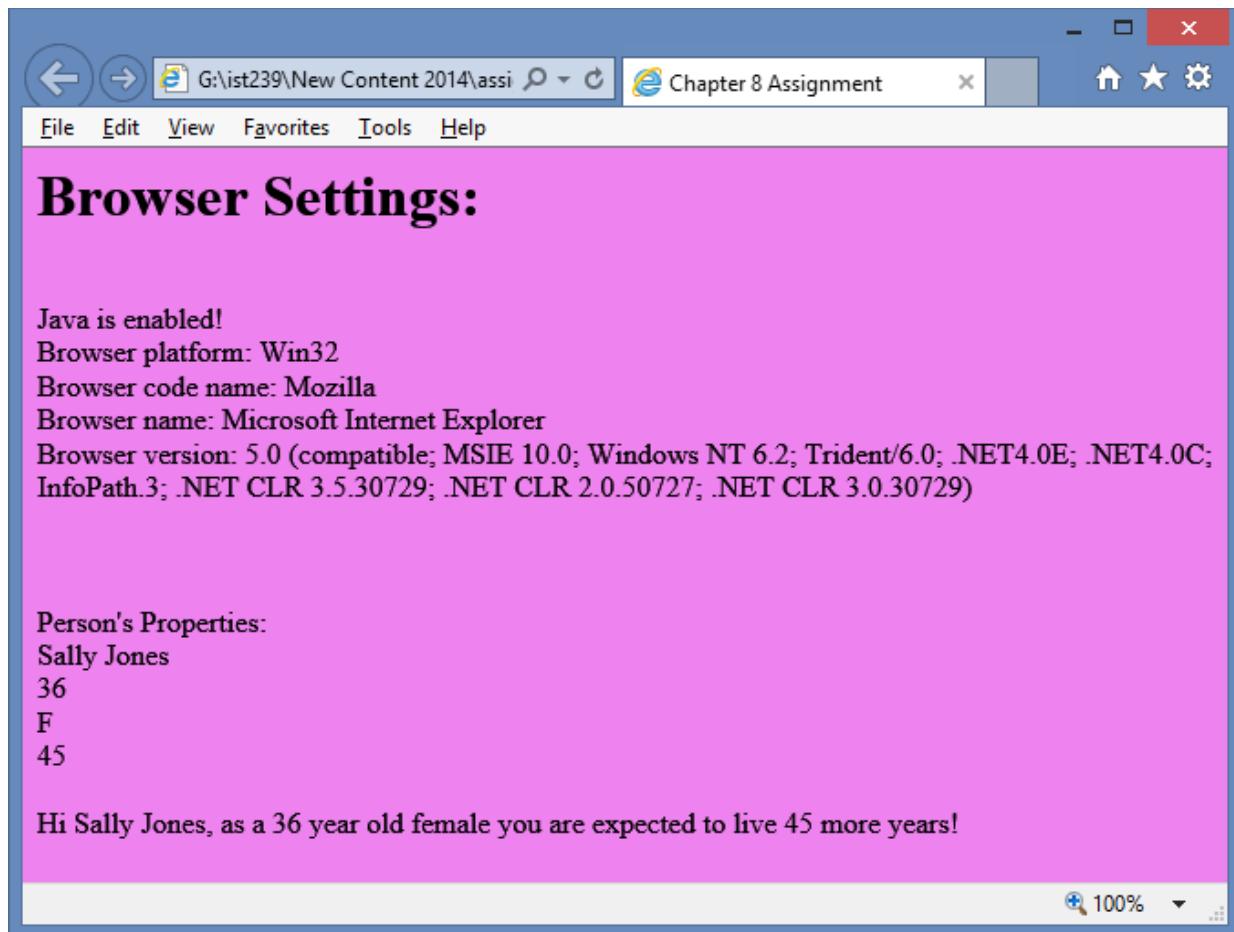


# **IST 239 Datum and JavaScript**

## **Chapter 8 Assignment**

Create an html document called chap8assign.htm using your text editor as explained in the following specifications:

1. Develop a Web document as shown below that contains the following features:
  - a. Using <title> tags, create a title of Chapter 8 Assignment.
  - b. The background color is violet.
  - c. The first part of the page will display browser information as shown in the sample screen. Items to include are:
    - i. The heading <h1> that says Browser Settings:
    - ii. A note stating if Java is enabled or disabled
    - iii. The platform, appCodeName, appName, and appVersion information
  - d. Use prompts to ask the user for:
    - i. his/her full name
    - ii. age
    - iii. gender (only M, m, F, or f are allowed as input)
  - e. Create a Constructor Function for a Person object that accepts three arguments. The three arguments are name, age, and gender. Add a method to the constructor function called life\_expect which will calculate the number of years a person has left to live based upon the age and life expectancy: the average life expectancy for a male is 76 and for a female is 81. Thus a 36 year old female would have 45 years left!
  - f. Create a new Person object named myPerson using the information that was entered by the user.
  - g. Using the data contained in the myPerson object, list the object's properties as shown. Add the final line of text as shown.



Once you've completed this assignment, zip the html file and submit the zip file to the appropriate Dropbox.