Homework #3

Design a Web-based examination page for a topic of your preference.

Your Web page is divided into two parts. The first part is an introduction to a topic of your choice. The topic can be of any subject. Examples include sports, movies, science, etc. The second part is a set of questions based on the topic introduced. The questions can be of either true/false, or multiple choice type. Make sure you have at least 10 questions in the exam. Once the user has started taking the test, s/he is not allowed to go back for the introduction again. After the exam is over, your program will show scores of the exam, plus correct answers for questions that are not answered correctly. Also included in the report is the date/time the exam is taken.

The layout of this Web page is free format. You may design it any way to your liking. However, a professional *look and feel* will help you get good scores. The programming language to be used for this assignment is **JavaScript**.

Your main file must be named **webExam**.**html**. You may do this assignment on any system to which you have access. However, you must submit your main file via HWSAM for this assignment to be graded, plus a **url.txt** file containing the URL to invoke your examination page. For graphic or sound files (**gif**, **jpg**, **wav,** etc), unless they are locally made, you need to give references to the sources on your Web page, if you treat them as local files.

This homework is due March 16, 2011, before 11:00 pm. Submission of your files must be done electronically via the instructor's Web page or by accessing the URL ***http://student.cse.fau.edu/~hwsam/student/index.html*** directly. Follow the screen prompts.

As a reminder, all assignments in this class are **individual** efforts unless specified otherwise.

Some key points:

The purpose of this assignment is to show your knowledge of JavaScript by designing a Web-based exam. Things to be checked during grading include:

- Are there at least 10 questions?
- Is there a web page for your introduction?
- Is there a web page for the actual exam?
- Is the exam taker prevented from going back to the introduction once the exam started?
- Is the exam taker given a score, and the correct answers for the questions, as well as the questions themselves, that he/she has missed?
- Is the date/time of the exam shown?
- Is the first file named webExam.html

Again, the above are basic requirements for a passing grade. The more work you put in to the page the higher the number of possible points you can obtain.