

# **COMP 5000/6000/6006 – Spring 2021**

## **JSP Assignment #1**

### **Online Examination System**

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In this assignment, you will design an online examination system (using JSP) that allows users to take the test and display the score once the user submits answers. You are asked to fetch questions and answers from the XML file (assignment.xml). The online examination system should meet the following requirements.

- Questions and correct answers (True or False) are given in the XML file.
- Fetch questions from the “assignment.xml” file. There are ten questions in the file. Questions are stored in the <question> element.
- Answers are stored in the <answer> element.
- Create a web page that displays all questions, each with two options.
- Users can take the test multiple times.
- Display the score after each attempt.
- You do not need to keep track of the user’s score.
- See the example file format below:

## assignment.xml file format:

```
<assignment>
  <questions>
    <question>Question one</question>
    <answer>True</answer>
  </questions>
  <questions>
    <question>Question two</question>
    <answer>False</answer>
  </questions>
  ....
</assignment>
```