

## Mobile Web Application Course

### Lab # 7

#### *Online Quiz using ASP.NET*

The objective of this lab is to learn and understand how to use sessions.

#### ***Instructions: Create a New Web Site for this lab***

For this lab, you are required to create three different files: Default.aspx, MathQ2.aspx, and Results.aspx. The first two files request answers from users and stores the answers into session variables. Results.aspx is responsible for displaying the grade based on the answers provided by the user. It retrieves the values from the session variables and processes answers. Based on the answers, it displays a grade percentage. Set the session timeout to 1 minute.

Question A: Which of the following is the correct answer for  $12 \times 12$  ?"

Possible Answers: 144  
128  
132

Question B: Which of the following is the correct answer for  $72/12$  ?

Possible Answers: 3  
7  
6

HINT: Once a user selects an answer, the page should create a session variable and then redirects the user to the following page. For example, when a user retrieves Default.aspx, it creates a session variable and then redirects the user to MathQ2.aspx.

HINT: To convert session values from String to Integer, use the CInt function. Example: `Question1 = CInt(Session("VariableName"))`

***Question: Why session timeouts are important?***

***Question: How would you prevent users from revising their answers after Results.aspx displays the grade?***

Sample screenshots for this lab:

