



PMAS Arid Agriculture University Rawalpindi

University Institute of Information Technology

Assignment 3

Due Date: 20-January-2022

T. Marks = $8 \times 5 = 40$

Important Notes:

Assignments will be submitted on time. You will have 10 hours to submit the assignment after the due date & time. However, 10% marks will be deducted for every passing hour after the due time.

Copying/Cheating whole or part of the assignment from anywhere without proper credit/references will not be tolerated. Whether you have copied or your work has been copied by someone else, you will get zero marks in that assignment.

Q1. Call a method GetBooks which returns a DataSet with columns BookCode, BookName, Active, AuthorName. Write ASPX code of GridView in which BookCode is displayed using Bound Column, BookName using template column, Active using checkBoxField, AuthorName as Hyper Link which an additional column to have Edit Button. Also write C# code to bind to Grid.

Q2. Write ASPX code of a Repeater which is Bound to a DataTable having fields (StudentID, StudentName, StudentRollNo, StudentStatus) and display in following format:

Student ID	Student Name	Student Roll No	Student Status
1			
2			

Q3. In an ASPX page there are two fields "txtUserName" and "txtPassword" and a button btnLogin. You need to write a code (make sure code syntax is correct):

i) In Page_Load event, check if there exists a session with a name "username", and if exists cookie with a name "password", fill "txtUserName" and "txtPassword" respectively or otherwise leave the two fields as as.

ii) When user click "BtnLogin", create a session with name of "UserName" containing txtUserName field value and store a cookie with 1 day expiry time against txtPassword field value.

Q5. (a) What is the basic difference in a HTML control and an ASP control, how you can convert first into second?

(b) What improvement validation controls bring to a web form?

(c) HTTP is a stateless protocol, what is the role of ViewState in making statefull HTTP requests?

*****Good Luck*****