

## Assignment 4

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1. Create the ASP web application with following conditions (write .aspx and .cs file).
  - i) Create a table 'Cars' with Company, Model, Price, and Color as fields.
  - ii) Add Company names to the dropdown list when the page is loaded using direct data access method.
  - iii) When you select the item in the dropdown list, its respective models should be displayed in the gridview (show all fields). Use SqlDataSource control.
2. Develop a simple web application to display the contents of "Product" table (schema shown in Fig 1.1) using SqlDataSource and GridView controls as shown in Fig 1.2. User should be allowed to edit only name and quantity (qty) of the Product. Using appropriate validation controls ensure that name field is not blank and quantity is between 1 and 100. User should be able to sort the gridview based on "Id" and "Name" columns.

	Name	Data Type
id	id	int
name	name	varchar(50)
price	price	float
qty	qty	float

Fig 1.1

Id Name		Price: 20	
1	<input type="text" value="Soap"/>	Qty: <input type="text" value="1"/>	<a href="#">Update</a> <a href="#">Cancel</a>
2	Powder	Price: 40 Qty: 5	<a href="#">Edit</a>

Fig 1.2

3. Explain the concept of FormView. Develop a simple web application using the FormView control to insert new records into a database table – BOOKS (ID, Title, Author, Price). The design is as in Fig 2.1.

Book Name:

ID:

Author Name:

Price:

[Insert New Book](#) [Cancel](#) [Insert](#)

Fig 2.1

4. Consider a database named employee having a table called  
EmployeeDtls(EmpName, EmpCode, EmpSalary, EmpDOB).  
The Webform should contain dropdownlist containing the Employee Name.  
Use disconnected data access for fetching all the details of the Employee on clicking the name from drop down.
5. Consider a database named College having tables called  
Course(CourseID, CourseName, Credits, NoOfRegisteredStudents)  
Design a webform containing all text boxes for the above fields.
  - a) On entering the Course ID , the corresponding fields should be displayed
  - b) There is a DELETE button on this form, on clicking it...it checks if  
NoOfRegisteredStudents<10 , if true it deletes the Course from the table.All the above steps should be done using direct data access .