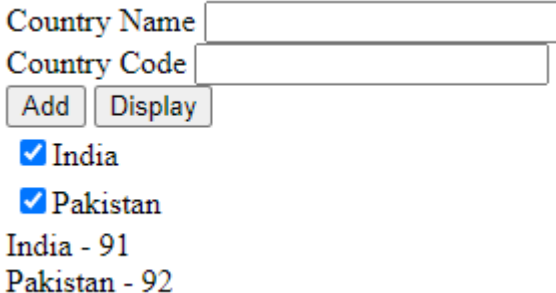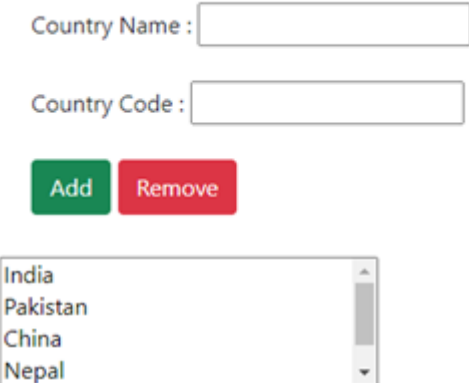| Lab	Type	Practical
1	A	**Understanding of standard controls** Create a simple project. Learn how to use standard controls understand how we can add these controls.
2	A	**Usage of different arithmetic operators** Design a web form to create simple calculator for two values given by user. Use bootstrap for better design. (Operations: Addition (+), Subtraction (-), Multiplication (*), Division (/), Modulo (%)). Enter Number 1 : 10 Enter Number 2 : 20 Answer: 30 Add (+) Sub (-) Mul (*) Div (/) Modulo (%)

3		**Demonstrate standard controls by creating registration form**
	A	Design a Student Registration form as below and Display the entered information on button click.

Student Regitration Form

Enter Name : Raj
Enter EnrollmentNo : 210101010001
Enter Email-id : raj@gmail.com
Enter MobileNo : 9874574414
Enter Adress : Rajkot
Enter Pincode : 360005
Select Gender : ○ Male ● Female
Select Student City : Rajkot ⌄
Select Student State : Gujrat ⌄
Select Student Country : India ⌄
Select Student Hobby:- : ☑ Chess ☑ Football ☐ Cricket ☐ Reading
Password : •••
Confirm Password : •••
[Display]
Your Name is:-Raj
Your Enrollment is:-210101010001
Your Email-id is:-raj@gmail.com
Your Mobile-No is:-9874574414
Your Adress is:-Rajkot
Your Pincode is:-360005
Your Gender is:-Female
Your City is:-Rajkot
Your State is:-Gujrat
Your Country is:-India
Your Hobby is:-ChessFootball

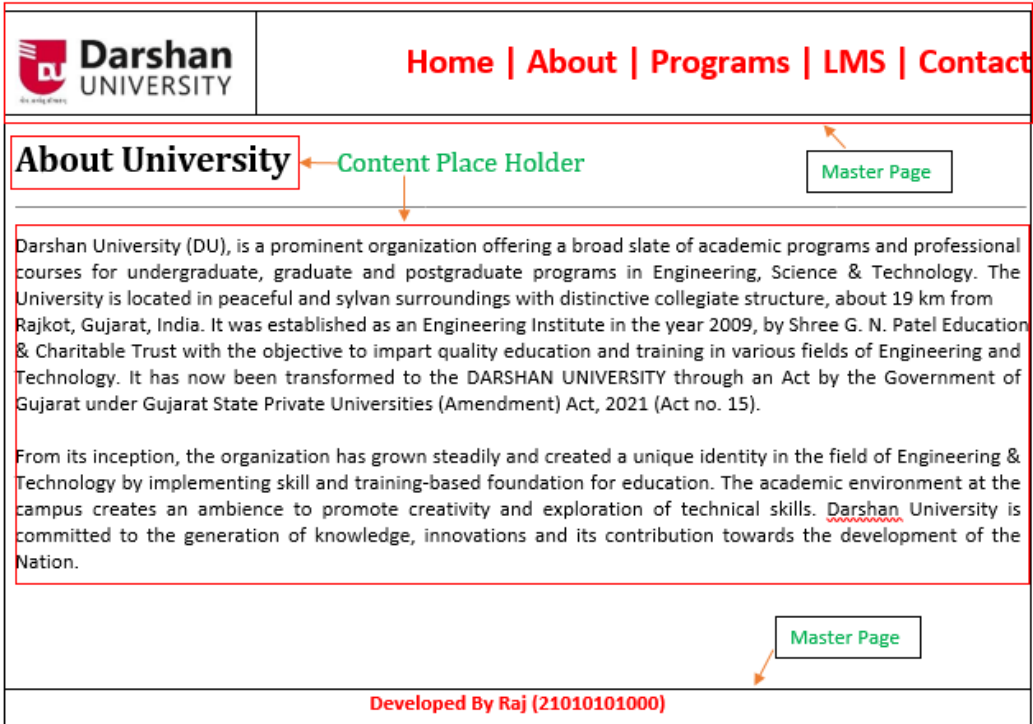| 4		**Implementation of CheckBoxList and RadioButtonList Controls**
	A	Create two Textboxes (Country Name, Country Code), when user clicks on Add button it would store the textbox values in to the CheckBoxList and when user click selects check box list items it should show selected items when clicks on display button.
		Country Name [ ] Country Code [ ] [Add] [Display] ☑ India ☑ Pakistan India - 91 Pakistan - 92
		Add Button – Inserts textbox data into Checkbox list **Remove Button** – Remove the list item from Checkbox list which is entered in textboxes.
	B	Perform above practical for Radio Button list control.
5		**Implementation of List Controls**
	A	Create two Textboxes (Country Name, Country Code) and Perform following Operations using Listbox Control.
		Country Name : [ ] Country Code : [ ] [Add] [Remove] India Pakistan China Nepal
		Add Button – Inserts textbox data into Listbox **Remove Button** – Remove the list item from Listbox which is entered in textboxes.

6		**Demonstrate Form Validations**
	A	Add Validation to Registration Form created in Practical – 3. (Use Validation Controls)

Student Regitration Form

Student Name	:	
		(Name should not be empty)
Student EnrollmentNo	:	
		(Enrollment should not be empty)
Student Email	:	
		(Email should not be empty and it should be valid email address)
Student Mobile No	:	
		(Mobile number should not be empty and only 10 digits are allowed)
Address	:	
		(Address should not be empty)
Pincode	:	
		(Pincode should not be empty and only six digits are allowed)
City	:	Select City ▾
		(City should not be empty)
State	:	Select State ▾
		(State should not be empty)
Country	:	Select ▾
		(Country should not be empty)
Select Gender	:	○ Male ○ Female
		(Gender should not be empty)
Select Hobby	:	☐ Chess ☐ Football ☐ Cricket ☐ Reading
		(Minimum one hobby required)
Password	:	
		(Password should not blank)
Confirm Password	:	(Confirm password should not blank)
		(password & confirm password should be same)
		☐ I agree to Terms and Conditions
		Display

7	A	**Master page and Content place holders** Create Master Page and design it as follows with the help of bootstrap. Also add content place holders as required.
8	A	**Content pages** Use the master page (created in practical - 8) and Create content pages and design these pages. Also give navigation to pages as required.
9	A	**Master page and content pages** Design a Master page with Header and Footer element. Design Home, About me and Family pages with the help of Master Page. Use bootstrap for better design. Also give appropriate navigation between pages.
10	A	**Themes and Skin files** Create theme and skin files and apply it to master page and content pages.
11	A	**Demonstrate file upload control** Design a job applying web page in which user can upload their resume.

12	A	**Create Database and tables** Prepare a database and also prepare tables and apply relationship between tables as required.
13	A	**Prepare stored procedures for Select command** Create SelectAll and SelectByPK stored procedures for all tables.
14	A	**Prepare stored procedures for Insert, Update, Delete command** Create Insert, Update and Delete stored procedures for all tables.
15	A	**Create Project and design common layout** Create a web forms project and design master page having Header, Footer. As given screen requirements.
16	A	**Create web forms and design it with the help of common layout** Design following content pages with the help of master page created in practical 16 with provided fields also use bootstrap as and when required and give proper navigation between the content pages. a) Country b) State c) City d) Contact Category e) Contact
17	A	**Implement Display operation** Perform display operation for country, state, city, category, contact pages. (Use Grid View / Repeater / Data List Control to display data)
18	A	**Implement Delete operation** Perform delete operation for country, state, city, contact category, contact pages.
19	A	**Implement Insert operation** Perform insert operation for country, state, city, contact category, contact pages.
20	A	**Implement Update operation** Perform update operation for country, state, city pages, contact category, contact pages.
21	A	**Login functionality implementation** Design Login form. Implement Login functionality and store login information in session.
	B	Add Logout and Change Password functionality.

22	**A**	**Implementation of user registration functionality** Design a web form to sign up the user and perform registration operation.
23	**A**	**Demonstrate concept of View State** Develop a web form which contains two textboxes, one for student name and second for enrollment. store data to view state.
24	**A**	**Demonstrate concept of Cookies** Add remember me checkbox in loing page. if user checks the checkbox, then store login information in Cookies.
25	**A**	**Demonstrate concept of query string** Develop a web form which contains two textboxes, one for employee name and second for employee code. when user click on submit button pass the employee information in query string.
26	**A**	**Introduction to multiple user project** Introduction to multiuser project. How to create multiple users for a project and how to manage them.