

Theory	Exercises
1 Introduction	
1 Components of web applications	First Project
2 Web servers and browsers	Quotation Builder
3 Web languages	
4 Uniform resource locator(URL)	
5 Static Web Pages	
2 Webforms Features	
1 Webforms features	Investment Calculator (1)
2 What is in a webform	Investment Calculator (2)
3 Page directives	User Information
4 Web Server Controls	Investment Calculator – Data Validation
5 ASP.Net control types	User Information – Data Validation
6 Server Control Properties	Investment Calculator
7 SC Events	User Information
8 Smart tags on controls	Investment Calculator – User Control
9 Webcontrol Status	User Information – User Control
10 Validation Control	
11 Validation Control- Server Side	
12 Setting Default button	
13 Setting Default focus	
14 User Controls	
15 Dynamically adding User Controls	
3 Data Sources Part-1	
1 Databases refresh, types, what is SQL, data types, select	SQLDataSourceDEMO
2 Installing sample databases	AdvancedSearch Page
3 Databinding and DataSource Control	DataBinding Simple Example
4 Types of Data Source controls	Lunch Orders
5 Data binding expressions	
6 SQL DataSource control	
7 Data Source parameter	
4 Data Sources Part-2	
1 ADO.NET	Supplier Search Page
2 ADO.NET Namespaces	New Shipper Page - ADO
3 Direct Access in ADO.NET	Orders Search

4 Object Data Source Control	New Shipper Page - ODS
5 BAL/DAL Class	Orders Search-ObjectDS
6 LINQ to SQL in Visual Studio	
5 Master Pages	
1 Working with Master Pages	Master Pages
2 Creating Master Page	Details
3 Creating Content Page	Changing a master page
4 Dynamically changing master pages	
6 Web Application environment and Life Cycle	
1 Application variable scopes	
2 Stateless	Stateless
3 Viewstate	Viewstate
1 Adding a state variable	Web controls maintaining value
2 Web control maintain properties	Session variables
4 Preserving data across web application	Application variables
5 Session and session variables	Using Application Variables with Events Global.asax
6 Viewstate vs Session	Accessing Application Variables in a Form
7 Application state	Cookies & Query String
8 Session state vs Application state	
9 Web application Events	
10 Application level events	: ASP .NET Hyperlink :
11 Global.asax Event Methods	Response.Redirect
12 HTTP Cookies	Server.Transfer
13 URL Query string	Get the Previous Page Values:
14 Navigation in a Web Application	Server.Execute
15 Navigation Techniques	PostBackURL :
16 Hyperlink	
17 Response. Redirect	
18 Response. Redirect Cycle	Create Public Properties :
19 Server.Transfer	Type Casting (on target form) :
20 Server.Transfer Cycle	
21 Server.Execute	
22 Cross Page Posting	
23 Strongly typed references	