	FABER-CASTELL
	DatePage No
	Unit 4
	ASP. net
	TO 3 1 July Server Day on 1971 1997 Son of Tibras Ti
	Chearing a web application
	- Open V8
	- File menu, New Project
	Template -> C# -> web
	- Choose ASP. Net web Application template
	- Name your project
	- Select project template as web Form template
6 1984	- US creates a new project that includes
	prebuilt tunctionality based on web tooms template
	- It provides Home aspx, Contact and Albout
	with membership functionality - tegisters users
	- Saves cotedentials - to login your website
	Co. 103 W. 23 Co. 200 Agrant C. (disco)
300	Healington Code
9/11/21/2	(8055-lang. Interoperability - code l'interact with another
-	Multi-lang. Suppost - DUH
_	Automatic Resource Management
	Debugging
	Elimination of DLL Hell-allows multiple versions of
L	Same DLL to coexist
	Sewrity-lets des claride-component con acces
~	Sensitive components.
11 11	Sopport For HTMLS
	mon man or malager little made and a to

	Maybe Not Impostant IDK Date
	Staucture of an Application
-	- Deroclos concepts of application demain application
	Aleb demoss 1841 Catton Obsectory Staucture.
-	App domain: unstual boundary inside which application
	dons.
-	App 19 Fetime: span of time for which the domain
	ex 818
-	App directory Staucture: - Specifies directory Structure
	that organizes various entities associated to an
	application (se fevences, resources, code files etc).
1693	and the state of t
7	App domain: Implemented by CLB (common
	Language Runtime). Objective - prevent simultaneously
	sunning apps from entering each other's domain.
	Enfifies Smood are
	Web Pages, Web Services, Code-behind Files, Configuration
	Files, Gilobal. asax Files
	THE STATE OF THE PROPERTY OF THE PARTY OF TH
>	App Lifetime: might encounter restarting can restart if
	Excess requests, Excess memory usage, lengthy lifetime
Bur	etc. & Restants performed to recycle clomain - helps in
	performance monitoring
->	App Disectory Structure: Segregates resources, enhancing
	broductivity of dus, some built in difectories are
	Bin, Abb-Code, App-GlobalResposies,
	App-Local Resources, App-Data, App-Browsers, etc.
1	The same of the sa
X	Grabal. asax App File - ASP. NET App File
	contains code which is executed when regrain were
	Occor. Events / States specified in This file - can be
	accessed by any resource in the web app.

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	rage No.
	- worther in same way as Web Forms, clifference-
13.7534	does not contain HTML , ASPINET tags but contains
	methods with predefined names.
4011.07	Thous with parcurined marries
X	Stales
1 23	- Eliminate drawback - 10 losing data when reloading
	webPage. Can preserve State at server or client side
	States needed in E-com websites to track Regis.
	Methods to Store State info
3	Hicken Fields-This control-not visible-web app viewed in brows
~>	Cookies - Text files which Store data = User ID, preferences
	at client end. When browsex reg web page-cookie sent too.
->	Query Strings- TA Info Strings-added at end of URL-
	not secuse - values exposed.
	200 10 10 10 10 10 10 10 10 10 10 10 10 1
9090y	3 States
	Application State
->	Used to Store data - corresponding to ALL voriables
11. 9650 6.34	of an HSP. NET web application. Data best in Stored
9.001334	once - sead several times. Accept this data using
101 84/51	HHEApplication class property. This clan-brovides
	lock method - used to ensure only pereuser has access.
0 7077	Session State
7	Fact client - distinct session with web Server.
	speake into associated with our some alleged
	the session state > certion of the well config
	The Para Specific to waste - Specific Man whiles.
stanue .	Different variables escated for each user session.
	Land Ball Ball Sall Sall Sall Sall Sall Sall
	part part have to

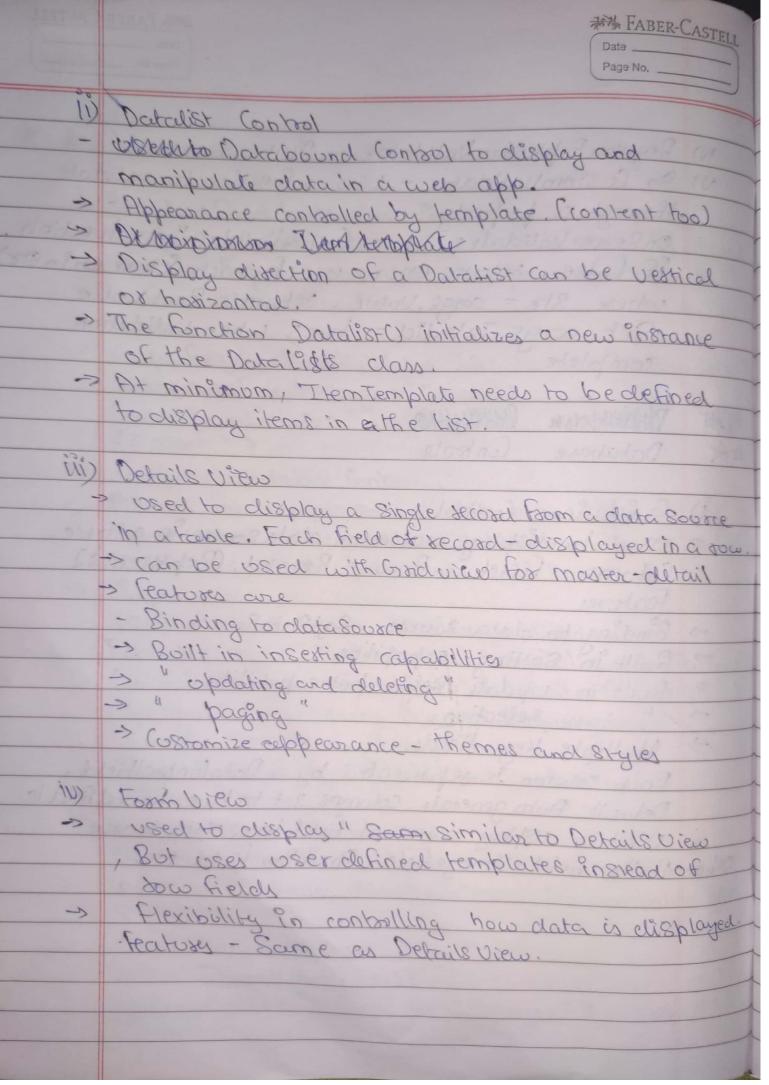
	Control = Element (1 ggs guess) Date Page No
	- 1/2000 - 1
	View State
-5	Stores page specific Pato- when it is possed back to
	ance when page a processed - correct state of
	page hashed into String - Saved as hidden field in
	a page. Vicastate property a used to save the
	View State of each control used in a page. Maintained
	in web page by default.
Tr.	to the maintenance
N A	Standard Controls
0	Label Control: Used to display into on wentown.
85013	Properties: Text, Font, Foxcolor, Height, Backcolorwidth
	· Office
0.0	(asportabel ID="habel" Text="Hello"> < 108portabel>
11)	Text pox Conbol: used to Poput clara (Text)
	Topetties: lext, lext Mode (Single, Multiline, Paymond & Number)
	Rows, Colomns, AutoPostBack, Textchange.
	Syntax Syntax and all and and all and and all and and all and and and all and
000	(asp: TextBox ID= (TextBox1) TextMode="Number">
111)	Button Control: Used to create an Event Send deg to well server
	Toopernes. Text, Click (Event), Command (Event)
	on Client Click WASPARD.
	Syntax Syntax
	<asp: ;=""]<="" button="" click="Button1-Click 1></th></tr><tr><th></th><th>Ind the index. aspx. cs, as Button - Click Function</th></tr><tr><th>-</th><th>will appear appear</th></tr><tr><th></th><th>protected void Button 1-Click Cobject sender, Event Atgs e)</th></tr><tr><th></th><th>E Labell. Text = " hi"="" id="Button1'" on="" th=""></asp:>
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	sall to wash butter shift
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	and all to office that there in By 1000 and the

	Date Date
*	Navigate USI Property: Links 1 Sets URL to Page No.
	a web page control
1	Dobp Down List control: used to select from a 19st of
- 61	predefined data Hens.
33	Properties: Border Width, Border Color, Blandon Selected Index
11 15/19	Syptax
	<asp. 1"="" dopdownlist="" id="DopDownList"></asp.>
	<asp: ""="" item="" list="" list*1"="" value="Saish > Saish < 1 asp : List Thems</th></tr><tr><th></th><th>· · · · · · · · · · · · · · · · · · ·</th></tr><tr><th></th><th><1086:04000m1881></th></tr><tr><th></th><th>To a so a</th></tr><tr><th>-</th><th>To access the selected often use</th></tr><tr><th></th><th>Labell. Text = Dtop Down List. a Selected Item. Value</th></tr><tr><th>V)</th><th>CherkParlen Cantal 1Dan Dull 1</th></tr><tr><th></th><th>CheckBoxList Control 1 RadioButtonhist Control Used to display a propor of or sol</th></tr><tr><th>(minter)</th><th>Osed to display a number of checkBoxes (RadioButtons in</th></tr><tr><th></th><th>Syntax</th></tr><tr><th>100/1991</th><th><asp: Radio Botton (CheckBox List- ID="></asp:>
C 1 5/20/3	Lasp: LBT Ltern Value = Me > Me stickelier Thems
1390m7 p3	Casp-List Irem Value = you"> you (nobel in Them)
	<108/2. A " List>
A A	· Standard wells to all of
N X	Navigation Control 8 - SiteMapPath, Menu Control, Tree View
->	The said
	Notes - Used to clescape togical staucture of webapper
(none	and agout of pages - now they relate to end other
	currined with strength extension
	Hay 3 Attailbates Title 120, Described
	Hay 3 Attaibotes. Title, URL Description. Title: Text close of link
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	Des Csiption: Used for toollip of the Kink
	THE HILL

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	1200 27 - 272 3 7 61
COL	Regular Expression Validator - DUH
W	Sin Costom Validator - Uses a Function to validate
11/6	Thomash c. brokert
	On Server Validate = " User Custom Validate" = Function.
	IF False, detodos estor, use Foreach Char chinstel
	where CH = CTCC lales 2010 and Chingsty).
	where Str = corgs. Value. Detorn a Bool value
	Set wigs. Is valid = tove; when validation
7	Compare de la co
MAX	WHAHADOLDE CLOSHAHADAS
A	Database Controls
	paramose compose
P	Gradulew Control
>	used to display values of clata source in a table.
1	Column = Field, Row = Record. (Represents)
	Featores
->	Binding to data source, Sal Data Source
->	Built in Sorting capabilities
→	Built in abdate Delete bot capabilities.
->	Built in update Delete pot capabilities. 4 Jour Selection
->	Moltiple Key fields.
	Each column is septerented by a Datalontrolfield.
	Default Auto generate columns set to true. Bound field is
	used to display value of field in a data source.
these	Button field, Image field, CheckBox Field etc.
	man and and
	ally is with a solling of with trivial and
	and the state of the morney



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0)	ListView
->	Used to clisplay " similar to Gidview. But user
	Oser allined templater instead of the tields
->	teribity similar to tom View
7	Features Same as Croidview
	south and south
01)	Repealer
->	Basic templated data bound list
->	nos no built in layout or styles, - need to be clockaged
-	Tillows to 8 plit markab tags across templates
>	To cheate table include
	(table) beig begin table tag in Header Template
	2782 Single toble tow & Themtemplate
	1 Footes Template.
->	Itas no Selection cap lediting capabilities
>	USE Item Command event to process events (control).
010	Datapages
-	Used to page data, display navigation controls for
	Cause Colligors.
~	Associate Navigation Control with DataBound control
	with lade (on/30/1).
2)	Customize no. ofitems clisplayed per datapage
	- 1096 S126
→ >	F1/80 can change how a page is submitted to
	100 86000
->	To clisplay navigation controls, most add page field.

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	(against
Viiii	
VIII)	Sta Sq1 Data Source
	sepsesents data in a SQL selational database to
->	Can also be Used to retrieve clase from a clatabase
->	Display, edit, Sort etc with little to no code
->	To connect to a database, Connection String most
	to connect to a dayabase, which
->	be set to a valid connection string on ADO. NET provides
-7	Jetsieves data when select method is called
	actiones data when selle menter
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