Course Glossary

Term	Description
ADO.NET	The data access technology used to access data from various data sources. It is a part of .NET Framework.
Application Settings	A feature of Windows Forms used to store global information and user-specific settings.
Asynchronous Processing	A feature of ADO.NET used to run foreground processes and time-consuming processes in the background.
Batch Processing	A feature of ADO.NET used to send multiple executable statements simultaneously to the server.
`BindingSource` **Component**	The component that behaves as a data source for controls and provides binding and currency management functions.
Cab Project	The project used to create a compressed package for an application.
`Button` **Control**	A control used to execute the required action when the user clicks the control.
`CheckBox` **Control**	A control used to select one or more values from a given list of values.
`CheckedListBox` **Control**	A control used to select one or more values from a list of values and combines the functionality of `ListBox` and `CheckBox` controls.
ClickOnce Deployment	The technology used to install applications by downloading the setup programs from Web and to check and re-install only the updated setup files from the Web.
CLR	A virtual machine component of .NET that is used to convert MSIL code to machine language code.
Control	A visual object used to display information or take information from the user.
`ColorDialog` **Component**	The component used to select system-defined colors from the color palette.
`ComboBox` **Control**	A control used to select a value from a drop-down list or to type a value not present in the list.
Complex data binding	The technique used to bind the control with multiple data elements.
Connection Pooling Control	A feature of ADO.NET that contains a set of all available connections used to connect to the database. Therefore, when a connection is requested, the existing connection is used from the pool instead of creating a new connection.
`ContextMenuStrip` **Control**	A control used to provide a shortcut menu.
Context-Sensitive Help	A kind of help used to display a help topic that is requested by the user in a pop-up window.
Cross-tab Wizard	The report creation wizard used to display the report in a cross-tab format.

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Crystal Reports	A reporting tool used to generate reports for summarize the information.
`CrystalReportViewer` **Control**	A control used to display and view reports in a particular application.
`DataAdapter`	An ADO.NET object, which is a medium through which the records of a table are fetched and updated using a connection string and SQL commands.
Data Binding	A technique used to link the controls on a form to the required data source.
Data Provider	An ADO.NET component used to transmit data between a data source and a `DataSet`.
`DataSet`	An ADO.NET object that represents the records of multiple tables in cache memory in a disconnected environment.
Data Source	The name of the object from where the required information needs to be retrieved.
`DataGrid` **Control**	A control used to insert, update, and delete data using a single data source.
`DataGridView` **Control**	A control used to manipulate records and perform custom actions using multiple data sources.
`DateTimePicker` **Control**	A control used to select a date and time from a drop-down calendar.
Delegate	Used to encapsulate the reference of a method.
Deployment	A process of distributing the application package to be installed at the target location.
Device Context	A data structure, which consists of information about various graphic objects and enables the user to draw images irrespective of the output device.
`DomainUpDown` **Control**	A control used to select a value from a range of values.
Double Buffering	A technique used to draw an image into a buffer memory and then the image is rendered on the screen.
Enumeration	A value type that consists of a list of named constants.
Event	An action that can trigger methods to execute predefined sets of statements.
Event Handler	A method that is passed as a reference to a delegate when an event is raised.
Exceptions	Are run-time errors that may cause a program to be abruptly terminated.
`FontDialog` **Component**	A component used to select various system fonts installed in the system.
`get`	A keyword used to create accessors to read the value of a private field.
`GroupBox` **Control**	A control that can hold other controls.

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`HelpProvider` Component	A component used to link and display the help file in a Windows-based application.
`ImageList` Component	A component used to represent a collection of images, which are displayed by other controls.
`Label` Control	A control used to display read-only information on a form.
`LinkLabel` Control	A control used to display a hyperlink to open a Web page or any other form.
`ListBox` Control	A control used to select a single or multiple values from the given list of values.
`ListView` Control	A control used to add items to a collection and display them with their icons in different views and sizes.
Mail Label Wizard	A wizard used to create a report, which is printed on a mailing label.
`MaskedTextBox` Control	A control used to validate user inputs using a mask.
`MenuStrip` Control	A control used to insert, edit, or delete menus.
Merge Module Project	Is used to group shared components being used by various applications.
Microsoft .NET Framework	Multi-lingual and multi-platform environments to build, deploy, and run applications.
Modal	A type of a dialog box used to restrict the user from activating any other window unless the modal dialog box is closed.
Modeless	A type of a dialog box that allows working with multiple windows without closing the modeless dialog box.
`MonthCalendar` Control	A control used to select multiple dates using a graphical calendar.
Multiple Active Result Sets (MARS)	A feature of ADO.NET used to execute a set of batches in just a single connection. Each batch consists of a set of executable commands.
Multiple Document Interface (MDI)	An interface used to display multiple forms within a form.
Namespace	A keyword used to declare a scope that allows code to be defined in an organized manner.
`new`	A keyword used for instantiation when specified as an operator and used for hiding the methods or variables of the base class that are inherited in the derived class when specified as a modifier.
`NumericUpDown` Control	A control used to select a numeric value from a range of values.
`OpenFileDialog` Component	A component used to open a file.
Object	An entity with a unique identity, state, and behavior.
Packaging	A process used to integrate all the necessary files to install and run a particular application.
`PageSetupDialog` Component	A component used to enable the user to specify the page layout intended for printing.

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`Panel` **Control**	A control used to hold related controls providing related information.
`PictureBox` **Control**	A control used to display images such as bitmap, JPEG, GIF on a form.
`PrintDialog` **Component**	A component used to select a printer, pages to be printed, and other print-related options.
`PrintDocument` **Component**	A component used to print documents from a Windows Form application.
`PrintPreviewControl` **Control**	A control that represents the raw part of print previewing.
`PrintPreviewDialog` **Control**	A control used to preview a document before printing.
`ProgressBar` **Control**	A control used to indicate the progress of a particular task being performed in the progress bar.
Property	A data member that protects private fields of a class by reading and writing to the field through the `get` and `set` accessors.
`RadioButton` **Control**	A control used to select a single option from a given set of options.
`ReportDocument` **Control**	A control used to load, process, save, and print reports.
RGB	The color model used to produce different colors by specifying the red, green, and blue color values.
`RichTextBox` **Control**	A control used to display and format multiple lines of text.
`SaveFileDialog` **Component**	A component used to save a file.
`sealed`	The keyword that prevents a class from being inherited by other classes.
`set`	The keyword used to assign a value to a variable.
Setup Program	Is used to create a setup package for an application, which is to be installed on the target machine.
Simple Data Binding	The technique used to bind a control to a single value of the data source.
Single Document Interface (SDI)	An interface used to work with a single document at a time.
Single-tier Architecture	Is used to work with a single machine, where the required databases are installed.
SnapLine	A feature of Windows Forms representing horizontal and vertical lines on a form to arrange controls.
Structure	A value type that can hold values of different data types.
`SplitContainer` **Control**	A control used to divide the form into two resizable panels either horizontally or vertically.
`StatusStrip` **Control**	A control used to display meaningful information about the current task at the bottom of the application

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`Tab` **Control**	A control used to create a tabbed interface with the help of the `Tab` control.
`TextBox` **Control**	A control used to enter or display the required data to the user.
`this`	A keyword used to refer the current instance.
Three-tier Architecture	A multi-tier client/server architecture where the client establishes a connection with a server. This server establishes a connection with the required database server to access the database.
`Timer` **Component**	A component used to set time for a particular task.
`ToolStrip` **Control**	Is used to include new buttons, labels, textboxes, separators, combo boxes, and drop down buttons, once this control is placed on the form.
`ToolTip` **Component**	A component used to provide tool tips for various controls on the form.
Tracing	The feature of ADO.NET used to monitor the execution of code.
`TreeView` **Control**	A control used to display items in a hierarchical manner.
Two-tier Architecture	The client/server architecture where the client establishes a connection with the server, which has required database installed.
Typed `DataSet`	A type of dataset used to access a table by its name, instead of using the properties defined in the `DataSet` class.
Untyped Datasets	A type of dataset that does not have a built-in schema.
Windows Installer	A installer file containing all the required information to install applications or to automatically install a missing file of an application.

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