

Advance Programming Techniques (APT)

Lecture # 28

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ListView Control

- A powerful control that displays a list of items with multiple views:
 - **Details View** (like Windows Explorer)
 - **List View** (simple list)
 - **Large Icon View** (like desktop icons)
 - **Small Icon View** (like Windows Explorer icons)
 - **Tile View** (combination of icon and text)
- You can show text, images, sub-items, and even allow item selection, editing, sorting, grouping, and more
- It is commonly used in applications like:
 - File Explorer
 - Email clients
 - Any app with structured lists

Key Properties

Property	Description
View	Determines how items appear (Details, LargeIcon, etc.)
FullRowSelect	Highlights entire row in Details mode
GridLines	Shows grid lines in Details mode
HideSelection	Keeps selection highlighted even when focus is lost
LabelEdit	Allows the user to edit item text
Checkboxes	Adds checkboxes to items
MultiSelect	Allows multiple items to be selected

ListView Control Operations

- Add items at Design Time and Run Time
- Add Columns
- Remove Items
- Record Count
- Edit Items
- Clear ListView
- Sorting Items

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