

Advance Programming Techniques (APT)

Lecture # 17

Ehtisham Rasheed

Department of Computer Science
University of Gurjat, Gujrat

UNIVERSITY OF GUJRAT



What is a PictureBox?

- The **PictureBox** control is used to **display images** (e.g., JPEG, PNG, BMP, GIF, etc.) in Windows Forms
- Commonly used in apps like
 - Image viewer
 - Product catalogs
 - Dashboards with icons or logos

Common Properties

Property	Description
Image	The image displayed in the PictureBox
SizeMode	Controls how the image is displayed (Normal, StretchImage, AutoSize, CenterImage, Zoom)
BorderStyle	Sets border style (None, FixedSingle, Fixed3D)
BackColor	Background color of the PictureBox
Visible	Show/hide PictureBox

Loading Image at Runtime

```
pictureBox1.Image = Image.FromFile(@"C:\Images\car.jpg");
```

```
OpenFileDialog ofd = new OpenFileDialog();  
ofd.Title = "Select an Image File";  
ofd.Filter = "JPEG Images (*.jpg;*.jpeg)|*.jpg;*.jpeg|" +  
            "PNG Images (*.png)|*.png|" +  
            "Bitmap Images (*.bmp)|*.bmp|" +  
            "GIF Images (*.gif)|*.gif|" +  
            "All Files (*.*)|*.*";  
ofd.FilterIndex = 1; // Default to JPEGs  
if (ofd.ShowDialog() == DialogResult.OK)  
{  
    pictureBox1.Image = Image.FromFile(ofd.FileName);  
}
```

Clearing the Image

```
pictureBox1.Image = null;
```

Displaying Image from Resources

```
pictureBox1.Image = Properties.Resources.logo;
```