




BABU MADHAV INSTITUTE OF INFORMATION TECHNOLOGY, UTU
B.Sc.(IT) / Integrated M.Sc.(IT)

Semester-IV

IT4007 | GUI Programming

Practical List: 02	Enrollment No.:	Name:
 Explain the following windows controls with the below given properties of each:		
<u>Controls</u>	<u>Properties</u>	
1. Button	<ul style="list-style-type: none"> Text Name Enabled 	<ul style="list-style-type: none"> TextAlign Image ImageAlign
2. Label	<ul style="list-style-type: none"> AutoSize Font Text 	<ul style="list-style-type: none"> Name TextAlign Visible
3. TextBox	<ul style="list-style-type: none"> MaxLength Multiline PasswordChar 	<ul style="list-style-type: none"> TextLength WordWrap
4. RadioButton	<ul style="list-style-type: none"> AutoCheck CheckAlign Checked 	<ul style="list-style-type: none"> Text TabStop
5. CheckBox	<ul style="list-style-type: none"> AutoCheck CheckAlign Checked 	<ul style="list-style-type: none"> CheckState ThreeState Text
6. ComboBox	<ul style="list-style-type: none"> AllowSelection AutoCompleteMode Items MaxLength SelectedIndex 	<ul style="list-style-type: none"> SelectedItem SelectedText SelectedValue SelectionStart Sorted
7. ListBox	<ul style="list-style-type: none"> Items MultiColumn ScrollAlwaysVisible SelectedIndex 	<ul style="list-style-type: none"> SelectedItem SelectedItems SelectionMode Sorted
8. PictureBox	<ul style="list-style-type: none"> ErrorImage Image ImageLocation 	<ul style="list-style-type: none"> InitialImage SizeMode WaitOnLoad
9. DateTimePicker	<ul style="list-style-type: none"> Checked DropDownAlign Format 	<ul style="list-style-type: none"> Text Value
10. Timer	<ul style="list-style-type: none"> Enabled Interval GenerateMember 	
Objective(s)	To understand the use of control properties and events.	
Pre-requisites	Knowledge of programming and Object Oriented Programming concepts.	



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Duration for Completion	4 Hours
PEO(s) to be achieved	To provide quality practical skill of tools and technologies to solve industry problems.
PO(s) to be achieved	Ability to use the techniques, skills and modern tools as necessary for software development.
CO(s) to be achieved	CO3: Create windows form, react to its events and manipulate its content in code.
Solution must contain	Explanation with proper examples.
Nature of submission	Handwritten using pen on One side ruled/One side plain papers.
References for solving the problem	<ul style="list-style-type: none"> ▪ <u>Text Book:</u> Karli Watson, Christian Nagel, Jacob Hammer Pedersen, Jon D. Reid, Morgan Skinner “Beginning Visual C# 2010” – Wrox Publication.
Post Laboratory questions	<ol style="list-style-type: none"> 1. State the difference between KeyDown event, KeyPress event and KeyUp event with example. 2. Define TextChanged event of TextBox. 3. Give the use of CheckStateChanged property. 4. State the use of CheckedChanged of RadioButton and CheckBox with example. 5. What is the usage of SelectedIndexChanged event of ComboBox and ListBox? Give one proper example for both.
Assessment	
Faculty Signature with Date	