Step 1 → Open a V.B project.

Step 2 → Select standard Exe type project from new project dialog box.

Step 3 → Draw three Labels one text box & two command buttons on a form.

Step 4 → Change the following properties of diff. controls available on a form.

<u>Control Name</u>   <u>Properties</u>

Label 1

Label 2   Caption = "Message"

Label 3   Caption = "enter your Text"

tex 1   Caption = "   "

Command 1   text = "   "

Command 1   Maxlen = 20

Command 2   Caption = "Display"

Command 2   Caption = "Exit"

Step 5 → Write a code for command 1 command button

- जो Control को हम देख रहे हैं। उसका Backcolor क्या होगा वो Backcolor represent करता है

- Forecolor → जो Text हम लिख रहे हैं उसे Forecolor represent करता है।

4) Text Box Control → ab

Text box control provides an area to enter or display text. The text box control should be editable. The default property of Text Box Control is "text" Some other imp. properties of text box control are

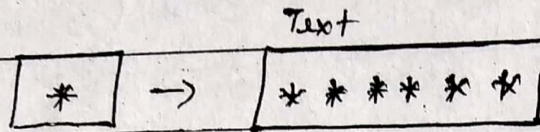Name, Enable, Maxlength, Multiline, Locked, Password char etc.

Text Box में हम जितना लिखते हैं उसका Max. length क्या होगा वो Max. length represent करता है।

जो भी Text होगा वो Multiline represent करता है।

Text Box Non-

Password char एक ऐसा Control है जो भी हम Set करते हैं वो Text में represent होता है।

For eg:

Text

| * | → | * * * * * * |

5) Frame Control or

The Frame control provides a container for other control. The Frame control generally use for grouping check boxes or option buttons. Some imp. properties are :-
Name, Caption, Enable, Visible etc.

6) Command Button or

A command button control carries out a command or action when users select it.
Some imp. properties of Command Buttons are :-

Backcolor, Font, Picture, forecolor, Value, ~~the~~ Default, Cancel, ~~Fool Tip Text~~ Tooltip Text, Style.

```
Private sub command 1 - Click ( )
Label 3. Caption = text1. text
text1. text = " "
text1. Setfocus
End sub
```

Step 6 → Write a code for command 2 command button.

```
Private sub command 2 - Click ( )
end
end sub.
```

<div align="right">20/7/12</div>

Check Box :-

The check box display a True/False or Yes/No option. We can check any no. of check boxes on a form at one time. The main property of check box control is value which can be assign the property value either zero (0), 1(one), 2(two) where 0 represent false, 1 represents True & 2 represents dimmed (Grayed)

- check1. value = 1

or
- check1. value = True

or
- check1. value = Vbchecked.

Check1. value = 0

or Check1. value = False

or Check1. value = Vbunchecked.

Other property of Check Box control are

. Allignment, Caption, Name, Enable, Visible etc

8) Option Button or) ◉   The option button contr-
ol are also called Radio Button. It allows
users to select one 4 only one option from
group of option. It appears a small circle

It's imp. properties are Name, Allignment,
Caption, Value, Style.

. Value -> By default the value property is
false we make it True to select it
or Turn ON.

Example

Option1. Value = 1

or

Option1. value = True.

Style => 0 -> Graphics
1 -> Standard

the list of items in the property window. The item can be added in the list box by setting it's list property. After entering the 1st item we press Ctrl + ↵ to enter 2nd item & so on. During run time a list of item can be added by using add item method :-

list 1. additem ("Jyoti")

list 1. add item ("Jayanti")

~~Apppppppp PP PPPP~~

Some imp. properties of List Box control are list index, list count, list, column, multiselect etc.

• **List Index** → The l. index property keeps the index no. of selected item. The list index property represents the value O for 1st item. If no item has selected then the list index property has -1

• **List Count** → The List count property returns the no. of item present in the List Box

List count is always one more than highest list index.

• **Column** or) It is used to create a multicolumn List Box.

• **Multiselect** or) The multiselect property is used to select one or more items in the list box. The list box support either simple multi-selection or extended multiselection.

1) **Simple Multiselection** or) A simple multiselection provides facility to select in continuous & non-continuous used in using Mouse & control key.

2) **Extended (Multiselection)** E. Multiselection give us to select in continuous by using shift + arrow key

• **Selected** or) Selected property is a run time property. It returns True or false either True or false. By using selected property we can find which

item is selected in the List Box.

- Sorted :~) This property can set only at design time who sort the element of List Box.

- Style :~) We can change the apperance of List Box by using style proper- ty. By default it's style is standaed. We can change the style of List Box as list of item with check box by selecting it's style to check box.

  Some imp. methods of List Box control are :
  Add item, Remove item, & clear.

- Add item :~) The add item method is used to add a list of item into a list box.

- Remove Item :~) To the remove item method we can remove an individual item from List Box.

- **Clear :-** The clear method is used to clear the list box.

11) H SCROLL & VSCROLL Bar :-

The Hscroll Bar & Vscroll Bar allow an user to select a value within a range of values.

Some imp. properties of SCROLL Bars are :-
Min, Max, Value, large change, small change etc.

The user can change the scroll bar controls value in three ways :->

i) By clicking the arrows the values of control changes (increment/decrement) by the amount specified with the small change property.

ii) By clicking the area between indicator & arrows the values of the control change by the amount specified with the large change.

iii) The scrolling the indicator with the Mouse.

<u>Teacher Signature</u>_____

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We can change the Scroll Bar value within two events:-

1) Change Event :-) The change event occures every time when user changes the indicators position & release the mouse button. While the indicator is being moved the change event isn't triggered. The change event occures only when the mouse button is released.

2) Scroll Event :-) The Scroll Event occures continuously while the indicator is moving. After Mouse Button is released the control stops triggering scroll event.

Q) Design a Visual Basic application to modify back colour of current form using RGB function.