

2) Tool Bar :-

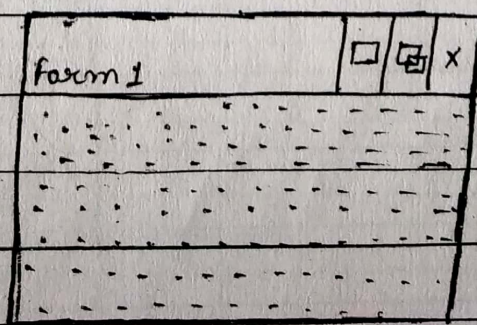
Tool Bar provides a quick access to commonly used commands represented as shortcut. We click on the shortcut buttons on the tool bar to carry out the action represented by that button. Each button represents a command that can also be selected from menu bar.



3) Form Window :-

V.B provides a place where we design the form or application that makes our user interface. We can use standard windows technique to change the size & location of the form window.

A Form window act as container so we can add diff. types of control on the form.

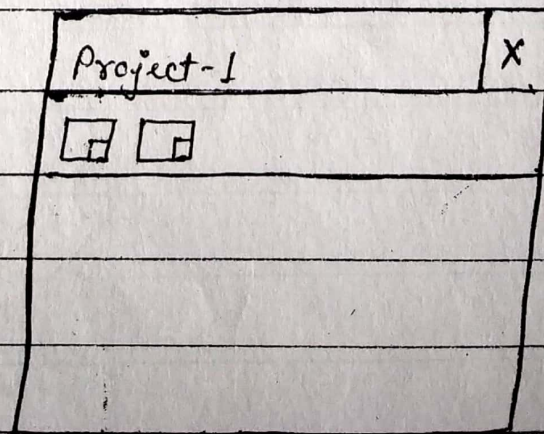


4) Tool Box :-)

The tool box provides a set of tools that be used at design time to place control on the form.

5) Project Explorer Window :-)

The project explorer window list the forms, modules in our current project. A project is a collection of files that we use to build an application.



Properties

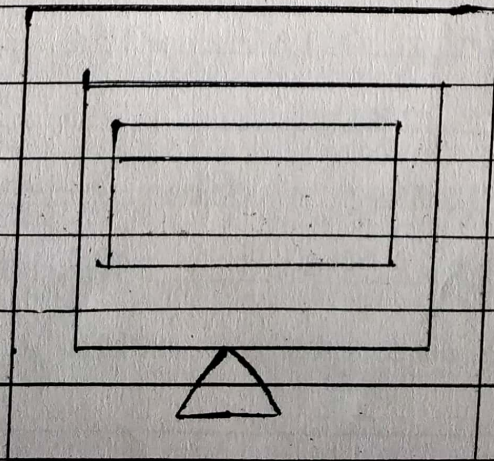
6) Project Window :-

The property window list the property settings for the selected control. A property is a characteristics of an object such as \rightarrow Caption, Name, Size, Form etc.

Properties - Form	
Name	Form1
Caption	Form1
Font	Arial ▼
Visible	True

7) Form Layout Window :-

The form layout window allow us to set the position of the form on the desktop when execution of project begins using a small graphical representation of the ~~str~~ screen.



Teacher Signature

* Steps for Designing V.B Applications :-

Step 1 → What is your GUI, & which components (Control) will be used in our GUI.

Step 2 → Set the diff. properties of controls.

Step 3 → Code to perform specific tasks.

* Controls :-

Controls are the object that will paste on the form. Each type of control has its own set of properties, methods & events that make it suitable for a particular purpose. We can set the properties of control at a design time or a run time. V.B provides some controls at a design time or run time which are not a part of default V.B tools but we can add easily in the V.B tool box. Some imp. controls which are part of tool boxes are


Label, Command Button, Text Box, List Box etc. Some controls which are not part of default V.B tool box is common

dialog control.


Each control has its default properties such as Caption property of Label, Command Button & Text property of Text Box.

The V.B Tool Box contains the tools we use to draw controls on our form. Each tool ~~Box~~ in Tool Box represents a control. The V.B tool box contains the following Tools in the Tool Box which are given below:-

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1) Pointer  ?)

The pointers provides a way to move & resize forms & control. Note that Pointer is not a control.

2) Picture Box  ?)

Picture Box control displays a graphics of the following format.
• bmp, • ico, • jpeg, • gif

It displays The picture box control act as a container for other object. The picture Box control has some imp. proper-

ties these are

Name, Autosize, Picture, Image

- Name Specific Name को Uniquely identify करते के लिए Name Property का Use करते हैं।
- Autosize represent Boolean Property. means (Boolean means True (T) or False (F).)
- Specific Picture को Place करने के लिए Picture control का Use करते हैं।
- Image Control को हम Run Time Set करते हैं। Design Time Set नहीं कर सकते हैं।

3) Label Control →

The label control displays ~~text~~ a read only text. User cannot interact or modify that control. The label control has various properties. The default property of label is Caption. Some other imp. properties are Appearance, Autosize, Backcolor, Font Forecolor, Visible, Enable etc.

9) Combo Box :-

The Combo box control combines ~~the feature~~ a text box with a List Box. It allows a user to type in a selection or select an item from a Drop-Down List.

Its imp. properties are :-

Name, List, Index, Sorted (as like List Box).

Some other properties of ~~List~~ Combo Box control is :-

Style & Itemdata.

- Index Property → Position of an element.
- Sorted →
- Style → The style property change the type of combo box. V.B provides three types of combo box which are given below :-

0 → Drop Down Combo


1 → Simple Combo

2 → Drop-Down List.

1) Drop-Down Combo :- Control made-up of drop down List &

a text box. User can select item from the list box & also can write in the text box

2) Simple Combo Box

It includes text box & List Box. User can write in the text box & select item from List Box. But it doesn't have drop-down arrow .

3) Drop-down List Box

It is a drop-down list but user cannot write or edit the text

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10) List Box Control Box

A List Box control is used to display a list of items which are entered in the list. From the list box user can select one or more items for their requirements & uses. We can fill the list box in two ways:- Either at design time or run time. To set contents (list items) into design time we will have to define

• Value \rightarrow Runtime property. This property is not present in ~~Run~~ Design Time.

• Default Property \rightarrow True. (If default property is True we perform any task with by clicking space bar.)

Q. Write a Visual Basic project that accept text from user into a text box. Text should not be greater than 20. When user press on display button the text box message will display on a label & the text box should be blank or empty & cursor focus on the text box. When user press exit button the application will be closed.

