ASSIGNMENTS

Chapter – 2 : Starting with Visual Basic

Q.1.   What is Visual Basic? Explain.

Q.2.   Write the steps to add a Command button on the form.

Q.3.   Write the steps to save a project.

Q.4.   The full form of BASIC is _____.

Q.5.   The extension for a VB form is _____.

Q.6.   The extension for a project in VB is _____.

Q.7.   Press _____ key to run an application in VB.

Q.8.   What is a Project?

Q.9.   Write the functions of the following:
   (i)   Title Bar
   (ii)   Menu Bar
   (iii)   Tool Bar
   (iv)   Blank Form
   (v)   Project Explorer
   (vi)   Properties Window
   (vii)   Toolbox
   (viii)   Form Layout Window
   (ix)   Code Window

Q.10. Write the steps to build your own first project.

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Chapter – 3 : Integrated Development Environment

Q.1.   What are Controls? Mention some commonly used controls in VB.

Q.2.   Write the functions of the following:

   (i)   Pointer   *(ii)*   Label   *(iii)*   CommandButton

   (iv)   TextBox Control   *(v)*   CheckBox Control *(vi)*   OptionButton Control

   (vii)   Frame Control

Q.3.   What do you mean by GUI? What are the advantages of GUI?

Q.4.   Write the functions of the following:

   (i)   REM statement   *(ii)*   CLS statement

   (iii)   PRINT statement   *(iv)*   InputBox() Function

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(v)   Msgbox() function

Q.5.   Write a code
(i)   To calculate the area of a square. Take the length and breadth from the user.
(ii)   To calculate area of rectangle.

Q.7.   What is an event?

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Chapter – 4: Data Manipulation

Q.1.   What are Numeric Data types? Mention them.

Q.2.   Which are the non-numeric data types? Mention.

Q.3.   What are variables? What are the rules for naming a variable?

Q.4.   What is a constant?

Q.5.   Write the function of DIM statement. Give an example.

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Chapter – 5 : Operators in VB

Q.1.   What do you mean by conditional statements?

Q.2.   What are relational operators? Explain with examples.

Q.3.   What are logical operators? Explain with examples

Q.4.   Explain:
(i)   If---then statement
(ii)   If—then—else statement
(iii)   If—then—elseIf statement

Q.5.   Write a code to accept the length of 4 sides of a rhombus. If all the sides are equal, then print "It is a RHOMBUS" else Print "It is not a RHOMBUS".

Q.6.   Write a code to accept a number and check if the number is divisible by 5. Display the appropriate message.

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Chapter – 7 : Control Structure

Q.1.   What is looping?

Q.2.   What is the function of Do While---Loop?

Q.3.   Explain Do Until---Loop.

Q.4.   Write a code to find out the sum of first 7 numbers.

Q.5.   Write a code to find the product of all even numbers from 2 to 25.

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Q.6.   Accept a number from the user. Print its next 20 consecutive numbers.

Q.7.   Write VB code:

(i)   To print your name 10 times.
(ii)   To generate odd numbers from 10 to 50.
(iii)   To print first ten consecutive numbers.
(iv)   To generate cube of the numbers from 20 to 30.
(v)   To print natural numbers from 50 to 100.
(vi)   To print the numbers from 1 to 50 at an interval of 3.

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