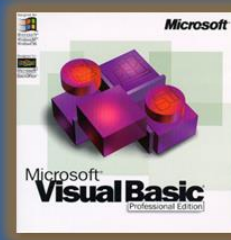


# VISUAL BASIC PROGRAMMING

## Microsoft® Visual Basic Online Training



### Study Questions

Study questions are designed to reinforce your understanding of the lesson material.  
Please submit your completed study questions to the instructor via email.

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#### Module 1

1. What is Visual Basic?
  2. What is an executable file?
  3. What is a Class? Provide an example
  4. What is a Property? Provide an example
  5. What is a Variable? Provide an example
  6. Discuss the elements of a Label
  7. Discuss the elements of a Text Box
  8. Discuss 3 example form properties
  9. Create an .exe file with a Text Box stating "Your name"
  10. Create an .exe file with an exit command
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#### Module 2

1. What is Property?
2. List 3 Property examples.
3. What is a Form?
4. List 3 characteristics of a Form
5. What is the purpose of the Load and Unload function
6. What is the purpose of the Hide function
7. What is a Control?
8. List and explain 3 specialized Controls
9. Define the term Object based
10. Create an .exe file with a Form

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### **Module 3**

1. What is a Bug?
2. What is an Object Browser?
3. Write a VB code example for an Input Box requesting that you enter your age
4. Briefly discuss 3 functions and their descriptions
5. Write a VB code example using the DateDiff function
6. Write a VB code example using If/Then
7. Write a VB code example using nested If
8. Write a VB code example using Do While
9. Write a VB code example using Do Until
10. What is a compiler? What is its function?

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### **Module 4**

1. List and briefly discuss the 3 debug windows
2. Provide an example of VB code with an error
3. Debug and correct the code from #2
4. What is the benefit of printing directly to the immediate window when debugging?
5. Define breakpoint
6. Define the Add Watch option
7. Define procedure stepping
8. Define function exit
9. Write VB code that illustrates the Breakpoint concept
10. Write VB code that illustrates the Watch expression concept

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### **Module 5**

1. Before drawing any controls on a Form, it is recommended that you should do the following?
  2. Provide 2 situations where a program may require multiple forms
  3. Create a .exe file that has 3 forms embedded into the program
  4. Why is order of events important?
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## **Module 6**

1. Define variable
2. List the various data types
3. Define local variable. Provide 3 VB code examples
4. Define static variable. Provide 3 VB code examples
5. Define module level variable. Provide 3 VB code examples
6. Define constant. Provide 3 VB code examples
7. Briefly discuss the various types of arrays. Provide 3 different VB code examples
8. Create a .exe file that incorporates use of 3 different types of variables