

Visual Basic.Net Syllabus

Microsoft Visual Basic, is the fastest and easiest way to create applications. Whether you are an experienced professional or brand new to Windows programming, Visual Basic provides you with a complete set of tools to simplify rapid application development.

The "Visual" part refers to the method used to create the graphical user interface (GUI). Rather than writing numerous lines of code to describe the appearance and location of interface elements, you simply add prebuilt objects into place on screen. If you've ever used a drawing program such as Paint, you already have most of the skills necessary to create an effective user interface.

The "BASIC" (Beginners All-Purpose Symbolic Instruction Code) language, a language used by more programmers than any other language in the history of computing.

Visual Basic (VB) has become such a popular programming language for several reasons. VB is easy to learn, which makes it an excellent tool for understanding elementary programming concepts. In addition, it has evolved into such a powerful and popular product that skilled Visual Basic programmers are in demand in the job market.

Visual Basic is designed to allow the programmer to develop applications that run under Windows and/or in a Web browser without the complexity generally associated with programming. With very little effort, the programmer can design a screen that holds standard elements such as buttons, check boxes, radio buttons, text boxes, and list boxes. Each of these objects operates as expected, producing a "standard" Windows or Web user interface.

Getting Started With Visual Basic 2008

Understanding the Visual Basic 2008 Environment

Understanding Objects and Collections

Understanding Events

Building Forms

Working with Controls

Adding Menus and Toolbars to Forms

Creating Code Procedures

Using Constants, Variables and Arrays

Performing Operations

Using Decision Structures

Debugging and Error Handling

Displaying Dialog Boxes

Working with Databases