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**1. What is .NET Framework?**

**The .NET Framework** is a framework that Microsoft has provided for the ease of building, deploying, and running applications on the Windows platform. It gives a large library of pre-built classes, methods, and functions which developers use to build different types of applications, such as web, desktop, and mobile apps.

**2. What is Visual Studio .NET?**

**Visual Studio .NET** is the Microsoft Integrated Development Environment application that creates applications in multiple languages, including C#, VB.NET, and C++. The application is used to write and/or edit and test code as well as debug. As such, it is a specific environment for the .NET Framework in which developers can easily write, design, test, and debug their applications. Such features include IntelliSense, design tools, and a visual designer for designing UI-based applications.

**3. What is Visual C#?**

**Visual C#** is the Microsoft implementation of the C# programming language, integrated into the IDE called Visual Studio. Visual C# helps users build .NET applications using the object-oriented programming language C# that is designed to be simple, robust, and scalable.

**4. What is Windows Form?**

**Windows Forms, or WinForms**, refers to a part of the .NET Framework. It establishes a graphical user interface framework to build up Windows desktop applications. With WinForms, developers can create forms/winders, buttons, textboxes, labels, among many other UI elements in a 'drag and drop' fashion from within Visual Studio or directly code them in C#.

**5. Provide the basic syntax of C# programming language.**

**using System;**   
  
**namespace** **HelloWorld**   
**{** **class** **Program**

**{**

**static void Main(string[] args)**

**{**

**Console.WriteLine("Hello, World!");**

**}**

**}**

**}**