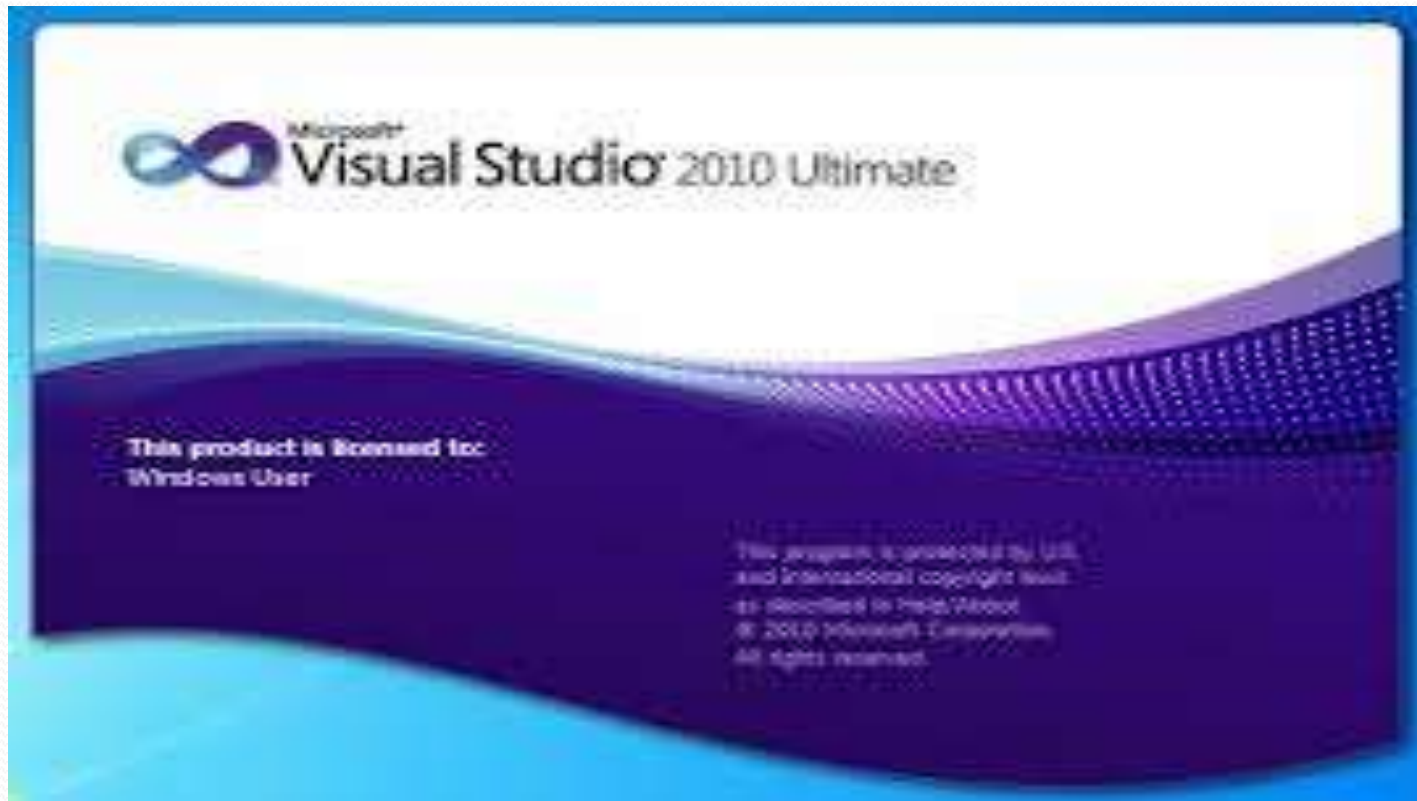



Presentation Topic:

VISUAL STUDIO

INTRODUCTION:



- Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft.
- Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight.
- It can be used to develop console and graphical user interface applications

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- Visual Studio supports different programming languages and allows the code editor and debugger to support nearly any programming language.
 - The source code of Visual Studio contain 50 million lines of code.

Features:

1) Code editor:

- Like any other IDE, it includes a code editor that supports syntax highlighting and code completion.
- The Visual Studio code editor also supports setting bookmarks in code for quick navigation
- Visual Studio features background compilation.

2) Debugger:

- Visual Studio includes a debugger that works both as a source-level debugger and as a machine-level debugger.

3) Designer:

- Visual Studio includes a host of visual designers to aid in the development of applications. These tools include:

Windows Forms Designer ,

WPF Designer,

Web designer/development..etc



Supported products

1) Microsoft Visual C++:

- Microsoft Visual C++ is Microsoft's implementation of the C and C++ compiler
- For C, it follows the ISO C standard
- For C++, it follows the ANSI C++

2) Microsoft Visual C#:

- Microsoft Visual C#, Microsoft's implementation of the C# language, targets the .NET Framework.

3) Microsoft Visual Basic:

- Microsoft Visual Basic is Microsoft's implementation of the VB.NET language and associated tools and language services.
- Like Visual C#, Visual Basic also supports the Visual Studio Class designer, Forms designer, and Data designer among others.

4) Microsoft Visual Web Designer:

- Microsoft Visual Web Developer is used to create web sites, web applications and web services using ASP.NET.
- Visual Web Developer can use the Visual Studio Web Designer to graphically design web page layouts.



Editions

Visual Studio Express

- 1) If you are looking to try out small applications or medium-sized applications and do not want to spend a single penny from your pocket, Visual Studio Express is the right choice for you.

Visual Studio Professional

- 1) This edition of Visual studio is for individual development with most of the important debugging tools and all the things a developer commonly needs.
- 2) This edition is reasonable in price too.

Visual Studio Premium

1) Visual studio Premium edition is for people who make high-quality usage of the IDE.

It adds tools for testing, code analysis, debugging, profiling.....

Visual Studio Ultimate

- 1) This is the ultimate edition of the product with all the components that could exist within Visual Studio
- 2) This edition provides advanced debugging capabilities with all architecture and modeling tools with it.

History:

- 1) Visual Studio 97
- 2) Visual Studio 6.0 (1998)
- 3) Visual Studio .NET (2002)
- 4) Visual Studio .NET 2003
- 5) Visual Studio 2005
- 6) Visual Studio 2008
- 7) Visual Studio 2010
- 8) Visual Studio 2012
- 9) Visual Studio 2013

Previous products

- Visual foxPro
- Visual source Safe
- Microsoft Visual J++/Microsoft Visual J#
- Visual InterDev



THE END