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MTA 98-361 DEVELOPMENT FUNDAMENTALS *Udemy Complete course tracking log*

# Section 1

## Installing Visual Studio Community 2019

Select ASP.NET and Web Development + .NET Desktop Development Workloads.

## First Webapp with Visual Studio 2019

Created desktop project using “Windows Forms App (.NET Framework)” preset.  
Created webapp project using “ASP.NET Core Web Application” preset.  
Selected the “Web application” Template.

## Developing my first Desktop Project in C#

Actions:  
Created desktop project using “Windows Forms App (.NET Framework)” preset.  
Note: Name is “MyFirstApp” and Framework version is “4.6.1”.

Learned:  
Placing a button from the toolbox, editing the font/text property.

## Finishing My First Desktop Project in C#

Actions: Write a msgbox “Hello World” statement. (Earlier btn)  
Actions: Making the btn invisible at click. (.Visible = false)  
Knowledge: Element name != element text  
Knowledge: Using the dot (.) for accessing properties  
Actions: Commenting out (//)  
Actions: Using Stackoverflow to source information

# Section 2

## Understanding Web Applications

Graphical user interface

Description automatically generated with low confidence

Internet is a *collection* of interconnected *resources* using essentially *HTTP* and *HTML*.  
The HyperTextTranferProtocol uses the UniformResourceLocator to address resources.  
A server, in response to a HTTP-request, specifies the content and layout using the HTTP-response.  
Both the resource and the server are identified by a *URL*, serving as a virtual connector.

Beware! Internet and web are not synonyms. The internet is a global data comms system.  
The web, in contrast, is a subset and a service on the internet for all *hyperlinked resources*.

## Creating HTML With an Example

*HyperText* *Markup* *Language* is used by web servers, and browsers to *describe* a Web page.  
Apart from that, it also embeds hyperlinked resources and scripts which are all rendered.

## Creating your First Webpage with ASP.NET

Actions: Create ASP.NET webpage project and add a h1 tag.