Documentation for VB.NET Console Application

Introduction

This document provides instructions for creating a simple VB.NET console application that displays the message "Hello, World!" and the current time to the user. The application is built using Visual Studio, a popular Integrated Development Environment (IDE) for .NET development.

Prerequisites

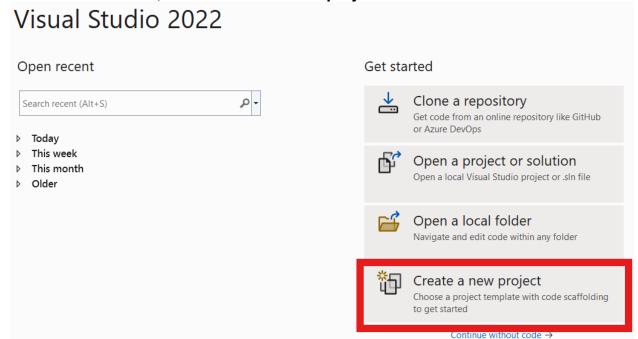
Visual Studio: Ensure that Visual Studio is installed on your computer. You can
download it from the official Visual Studio website.

Steps to Create the Application

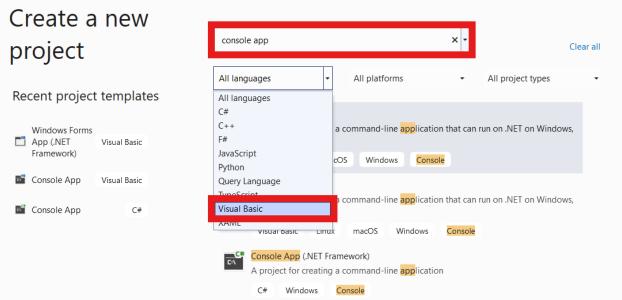
- 1. Open Visual Studio
 - 1. Launch Visual Studio.

2. Create a New Project

1. In the Start Window, click on Create a new project.



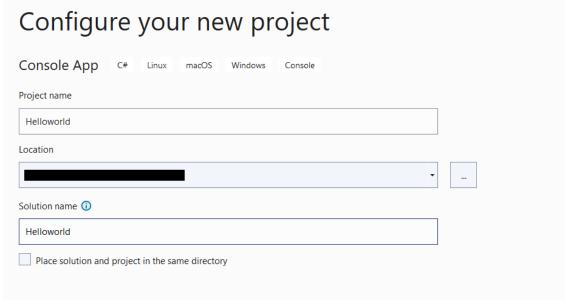
2. In the Create a new project dialog, search for Console App.



3. Select **Console App** (ensure it's in VB.NET) and click **Next**.

3. Configure Your Project

- 1. In the Configure your new project dialog:
 - o Enter a **Project name** (e.g., HelloWorldApp).
 - Choose a Location where the project will be saved.
 - o Optionally, you can provide a **Solution name**.



2. Click Create.

4. Write the Code

- 1. Visual Studio will create a new project with a default Module1.vb file (or Program.vb in some cases).
- 2. Locate the Module1.vb file in the Solution Explorer. It should open automatically.
- 3. Replace the existing code with the following code:

```
Module Module1
Sub Main()
' Display a message to the console
Console.WriteLine("Hello, World!")

' Display the current time
Console.WriteLine("Current Time: " & DateTime.Now.ToString("hh:mm:ss tt"))
End Sub
End Module
```

o Explanation:

- Module Module1: Defines a module named Module1.
- Sub Main(): The entry point of the application. The execution starts here.
- Console.WriteLine("Hello, World!"): Prints "Hello, World!" to the console.
- DateTime.Now: Retrieves the current date and time.
- ToString("hh:mm:ss tt")): Displays the current time in the format "hh:mm AM/PM".

5. Run the Application

- 1. Click on the **Start** button (green arrow) or press F5 to build and run the application.
- 2. The console window should open displaying the message "Hello, World!".
- 3. Press any key to close the console window.

Conclusion

Congratulations! You've successfully created and run a "Hello, World!" console application in VB.NET that also displays the current time. This is the foundation of learning VB.NET programming, and you can now explore more advanced concepts and features.