**Coding Standards**

In C#, following consistent naming conventions helps make your code more readable and maintainable. While there might be slight variations in naming standards depending on personal preference or organizational guidelines, there are generally accepted conventions. Here are some common naming standards for creating projects in C#:

**Project Names:**

Use PascalCase for project names.

Choose a descriptive and meaningful name that reflects the purpose of the project.

Avoid using spaces or special characters in project names.

MyAwesomeProject

**Namespace Names:**

Use PascalCase for namespace names.

Namespace names should be descriptive and follow a logical hierarchy based on the project structure.

Avoid abbreviations and use clear, descriptive names.

namespace MyAwesomeProject.Utilities

**Class Names:**

Use PascalCase for class names.

Class names should be nouns or noun phrases that describe the entity or concept they represent.

Use clear and descriptive names that convey the purpose of the class.

public class MyClass

**Method Names:**

Use PascalCase for method names.

Method names should be verbs or verb phrases that describe the action performed by the method.

Use clear and descriptive names that convey the functionality of the method.

public void CalculateTotal()

**Property Names:**

Use PascalCase for property names.

Property names should be nouns or noun phrases that describe the attribute or characteristic they represent.

Use clear and descriptive names that convey the meaning of the property.

public int Age { get; set; }

**Variable Names:**

Use camelCase for variable names.

Variable names should be descriptive and reflect the purpose or content of the variable.

Use clear and meaningful names to enhance code readability.

int numberOfItems;

**Constant Names:**

Use PascalCase for constant names.

Constants should be descriptive and use meaningful names that convey their purpose.

Avoid abbreviations and use clear, descriptive names.

const int MaxAttempts = 3;

**Enum Names:**

Use PascalCase for enum names.

Enum names should be singular nouns or noun phrases that represent a set of related constants.

Use clear and descriptive names that reflect the purpose of the enum.

public enum DayOfWeek