MIROCIRANING Lecture 5: and Interfaces USING C#

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WHAT'S A NAMESPACE

```
戸namespace MySchool
     namespace MyClass
         namespace MyDisk
 // or
namespace MySchool.MyClass.MyDisk
```

WHAT'S A CLASS

A class is a blueprint for objects of the same type.

DEFINING A NEW CLASS

CLASS MEMBERS

A class can contain:

- · Variables (fields).
- Functions (Methods)
- Prosperities.

METHODS

A function inside a class is called method.

DEFINING VARIABLES FROM THE CLASS TYPE

CALLING A CLASS FUNCTION/METHOD

```
Cat c = new Cat();
c.Eat();
c.Speak("Hello!");
```

WHAT'S AN INTERFACE IS

Interface is a contract that specify the members that class should have.

DEFINING AN INTERFACE

```
interface IAnamial
{
    void Eat();
    void Speak(string something);
}
```

IMPLEMENTING AN INTERFACE

NEXT

· Inheritance.