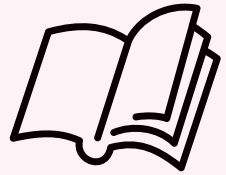


High School Programming

Lecture: 17

WELCOME TO

Mahinur Rahaman Hridoy

BSc in CSE, Diploma

Software Developer

Recap Previous Lecture

- Methods and Method Overloading

Agenda

- Object Oriented Programming (OPP)
- Class
- Objects
- Difference between class and objects
- Real Life Example of Classes

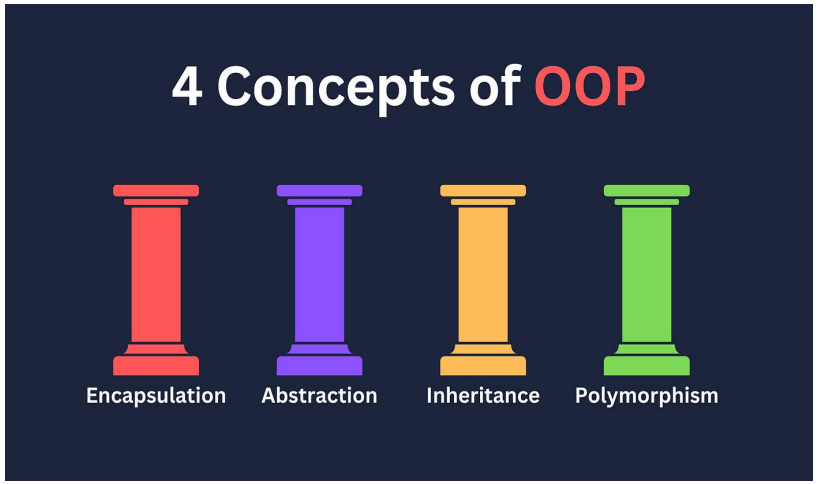
Object Oriented Programming

-- A **class** is simply a user-defined data type that represents both state and behavior.

-- In C#, a **Class** is composed of three things i.e. a name, attributes, and operations.

Types of Classes in C#:

1. Abstract Class
2. Partial class
3. Concrete class
4. Sealed Class
5. Static Class



Objects:

-- A class is brought live by creating objects. An object can be considered as a thing that can perform activities. .

Tip:

Class and Objects

-- A **class** is simply a user-defined data type that represents both state and behavior.

-- In C#, a **Class** is composed of three things i.e. a name, attributes, and operations.

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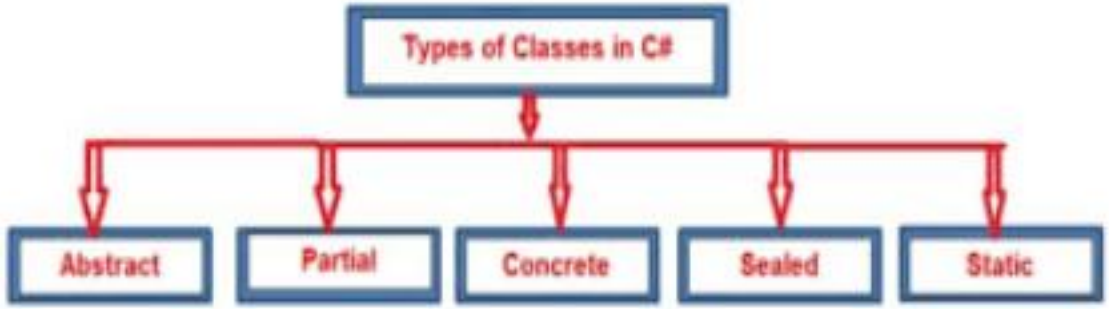


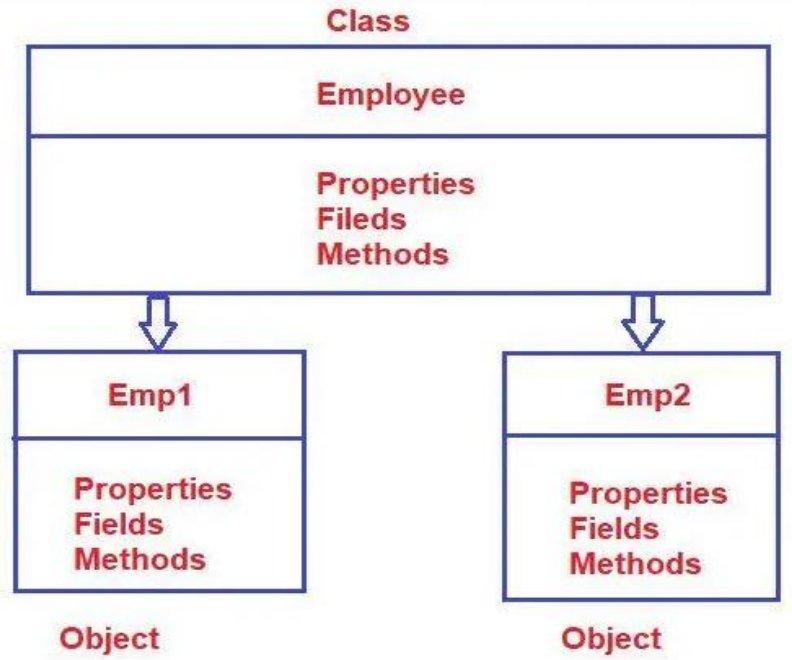
Objects:

-- A class is brought live by creating objects. An object can be considered as a thing that can perform activities. .

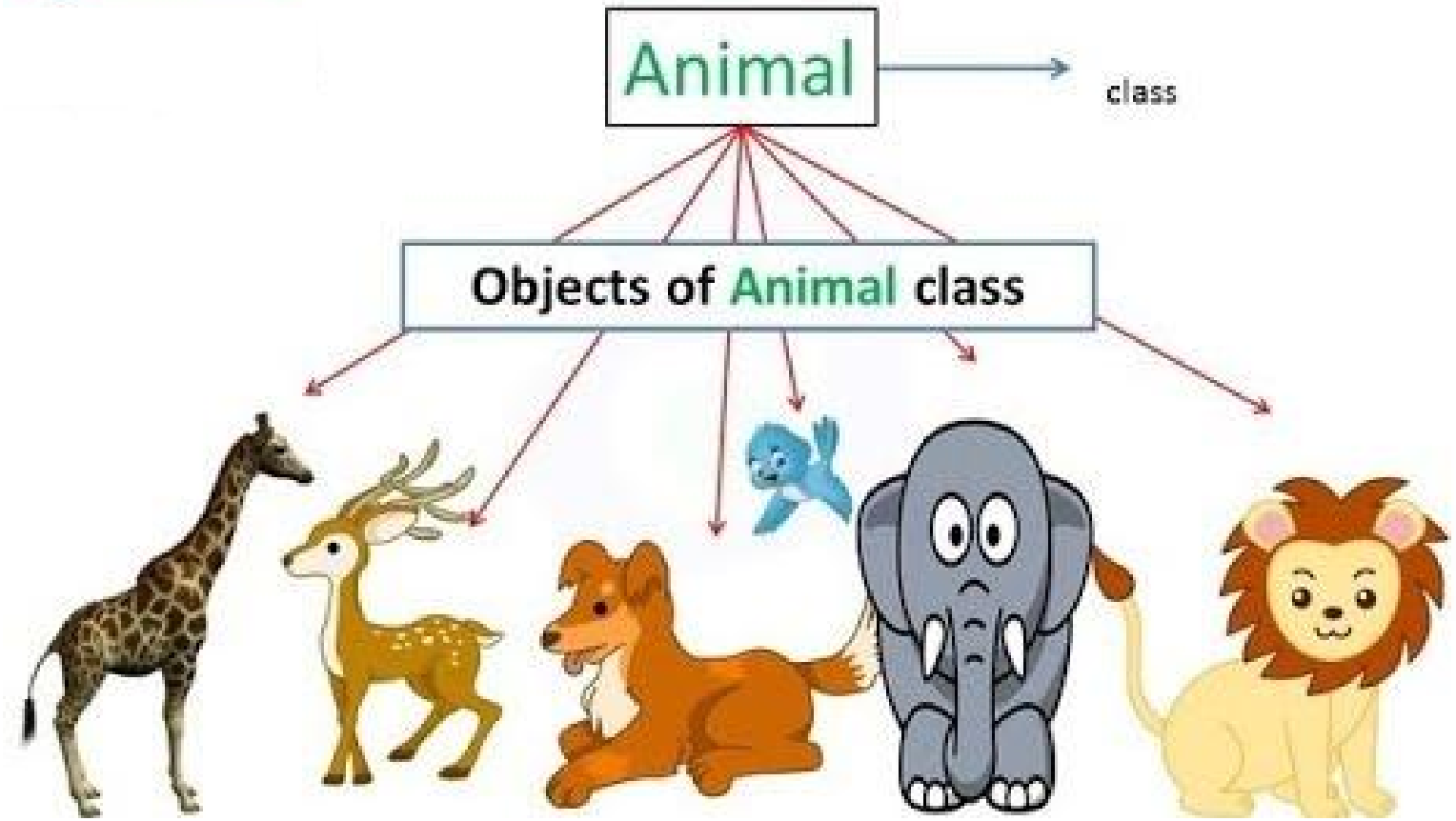
Difference between class and objects

-- In C#, classes and objects are fundamental concepts in object-oriented programming (OOP).

-- A Class is a template or blueprint for creating Objects, and every Object in C# must belong to a Class.



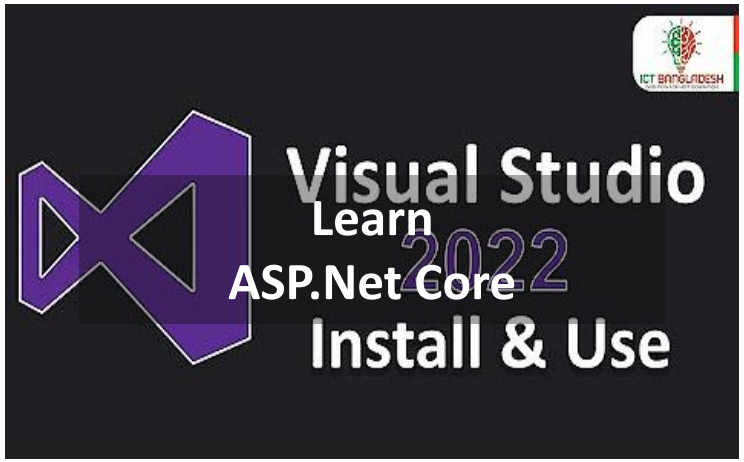
Real Life Example of Classes



Useful Resource

Learn
C# Programming
For Loop

Learn
SQL Server
Database



Learn
ASP.Net Core

Learn
Cyber Security

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Thank You