

Inheritance

Agenda

- What is a inheritance ?
- Why do we use inheritance ?

Inheritance is a mechanism which allows a class to inherit attributes and methods of another class

Class inheriting is referred as the child or derived class and the class from inheriting takes place is referred as parent or base class

Inheritance enforces code reusability

Child class can have their own properties and methods as well.

super() is an in-built function that can be called to refer to parent's attributes or methods.

isinstance() and isinstance()

Summary

- Inheritance is a mechanism which allows a class to inherit attributes and methods of another class
- Inheritance enforces code reusability
- Class inheriting is referred as the child or derived class and the class from inheriting takes place is referred as parent or base class
- Child class can have their own properties and methods as well.
- `super()` is an in-built function that can be called to refer to parent's attributes or methods.
- `isinstance()` and `issubclass()`