

Python Inheritance

What Is Inheritance?

The method of inheriting the properties of parent class into a child class is known as inheritance. It is an OOP concept. Following are the benefits of inheritance.

- Code reusability- we do not have to write the same code again and again, we can just inherit the properties we need in a child class.
- It represents a real world relationship between parent class and child class.
- It is transitive in nature. If a child class inherits properties from a parent class, then all other sub-classes of the child class will also inherit the properties of the parent class.

Inheritance allows us to define a class that inherits all the methods and properties from another class.

Parent class is the class being inherited from, also called base class.

Child class is the class that inherits from another class, also called derived class.

Simple inheritance

```
class test():
    def disp(self):
        print("good")

class demo(test):
    def get(self):
        print('hell0')

d=demo()
d.get()
d.disp()
```