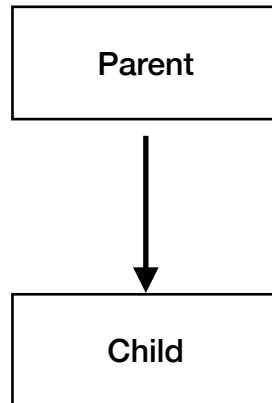# Method Overriding

- Redefining the method of parent class in child class is said as method overriding

- In other words, the child class has access to the properties and functions of the parent class method while also extending additional functions of its own to the method.

```
Parent
  │
  ▼
Child
```

Class iphone6:
def home(self)

Class iphone x:

- iphone x is newly designed phone . It is inheriting the features of iphone6 . but it is having new home method . it is not borrowing
the method (iphone 6) as it is because they was not physical button

- Both have home method . But the child method will be called parent method will be shoddowed we cant all it directly.To override the Parent Class method, you have to create a function in the Child class with the same name and the same number of parameters.

- The child class should have the same name and the same number of parameters as the parent class.

- For self: to call a function firstly we have to create a variable then we can call the function

- Example : ph = iPhone(6)——-function calling

- ph.home() ——-method calling


- You can't use super outside the class .method overriding cannot be performed in the same class, and overriding can only be executed when a child class is derived through inheritance.

- super() home() ——— this is how parent method is called . So it should be called inside the class