**19.How to achieve method overriding in python?**

**Objective:**

* To see how method over riding has been achieved in python3.

**Process:**

* **Method overriding:**

Overriding is the ability of a class to change the implementation of a method provided by one of its ancestors.

Through method overriding a class may "copy" another class, avoiding duplicated code.

Method overriding is thus a strict part of the inheritance mechanism.

Python method overriding occurs simply defining in the child class a method with the same name of a method in the parent class.

**Input:**

* Using parent class and child class has same method to invoke method over ride.

**Output:**

* Examine the behaviour of method over riding in python3.

**Source code:**

#parent class

class over:

def action(self):

print('parent class')

#child class 1

class ride(over):

def action(self):

print('Child class')

#child class 2

class override(over):

def action(self):

print('child class 2')

#object creation

o = over()

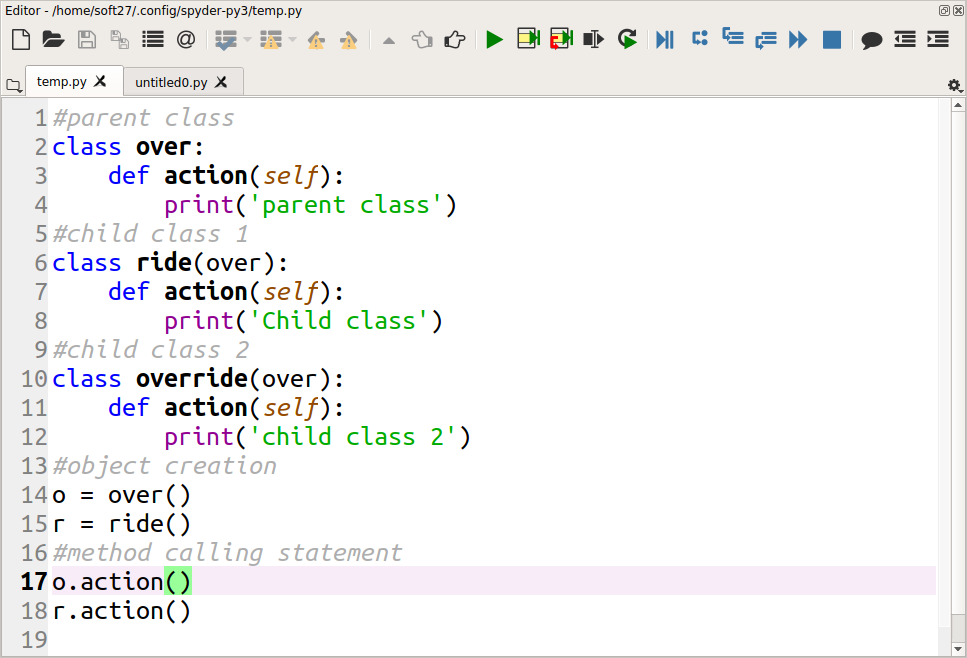
r = ride()

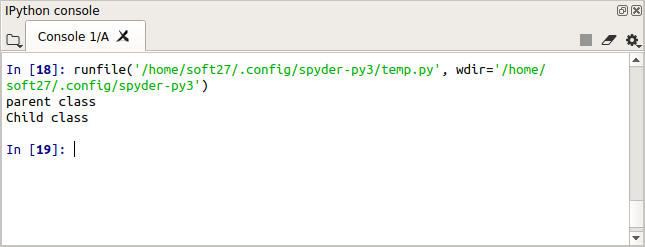
#method calling statement

o.action()

r.action()

**Screen shots:**

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