**20.How to implement inheritance in python?**

**Objective:**

* To see how to implement inheritance in python3.

**Process:**

* **Inheritance:**

Like other object oriented language python also does inheritance.

To create new class from base class stats and behaviour.

Base class act as like parent class.

Inherited class act like child class.

It gives the the oops concept of re usability.

**Syntax(simple inheritance):**

class BaseClass:

Body of base class

class DerivedClass(BaseClass):

Body of derived class

**Input:**

* Parent class and child class.

**Output:**

* Interpretation of inheritance in python3.

**Source code:**

#Parent class

class car:

#parent class method

def models(self):

print('Four wheel')

#child class

class bike(car):

#child class method

def model(self):

print('Two wheeler')

#object creation for child class

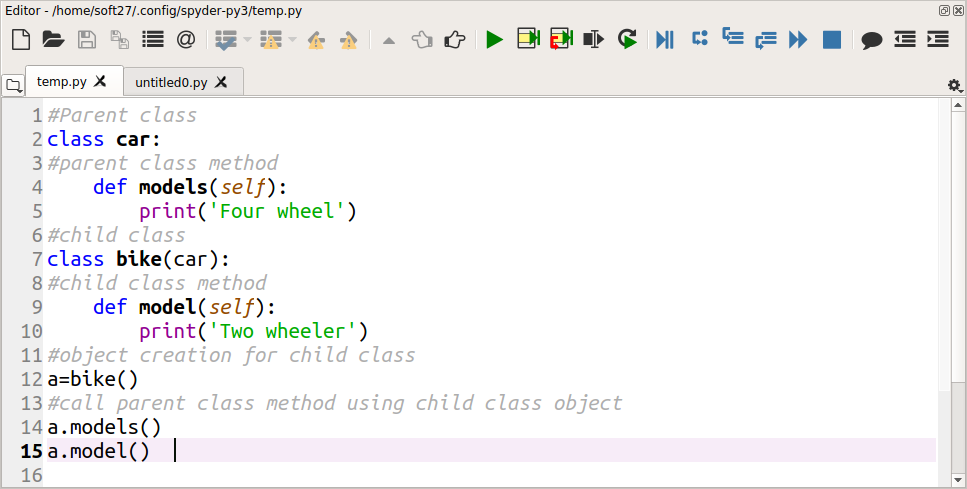
a=bike()

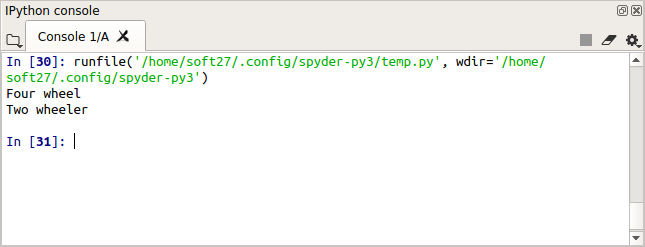
#call parent class method using child class object

a.models()

a.model()

**Screen shot:**

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