**Method Overloading ():**

Python supports Method Overloading.

**Concept:**

**class** Human:

**def** sayHello(self, name=None):

**if** name **is** **not** None:

**print** 'Hello ' + name

**else**:

**print** 'Hello '

*# Create instance*

obj = Human()

*# Call the method*

obj.sayHello()

*# Call the method with a parameter*

obj.sayHello('Guido')

The concept in this is we can call the methods without default value and with default value. If we call same function without default value it takes. If we call the method with default value it takes. We can say method overloading.

**Variable calling through object:**

We can call any variable through object.

EX:

Class A:

a=10

b= A()

print b.a

result:

10

\*We can have brackets to the class name declaration.

**Ex:**

Class A(): (with brackets)

Class A: (without brackets)