Python Programming Constructor

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Using Constructor

- The constructors initializes
 the data members of the
 class when an object of class
 is created.
- __init__() is a reserved method is called when an object is created.

```
class Employee:
def __init__(self, name, salary, address):
    self.name = name
    self.salary = salary
    self.address = address

def print(self):
    print('Employee name:', self.name)
    print('Employee salary:', self.salary)
    print('Employee address:', self.address)

mostafa = Employee('Ziad Mostafa', 159, '55 BC')
mostafa.print()
```

Class of Class

```
class FullName:
          def init (self, first name, last name):
              self.first name = first name
        self.middle name = None
         self.last name = last name
      class Employee:
          def init (self, first name, last name, salary, address):
              self.full name = FullName(first name, last name)
         self.salary = salary
              self.address = address
          def print(self):
              print('Employee name:',
                    self.full name.first name + " " + self.full name.last name)
           print('Employee salary:', self.salary)
              print('Employee address:', self.address)
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      mostafa = Employee('Ziad', 'Mostafa', 159, '55 BC')
      mostafa.print()
```

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."