Object-Oriented Syntax for Python

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| Creating a class | class ClassIdentifier(object): |
| Attributes   * Public * Private * Protected | self.attributeIdentifier=12  self.\_\_attributeIdentifier=12  self.\_attributeIdentifier=12 |
| Defining a Method   * Public * Protected * Private | def methodIdentifier(self):  def \_methodIdentifier(self):  def \_\_methodIdentifier(self): |
| Defining a constructor method | def \_\_init\_\_(self): |
| Instantiation | object=ClassIdentifier(object) |
| Calling a method (outside class) | object.methodIdentifier() |
| Calling a method (inside class by convention) | self.methodIdentifier() |
| Inheritance | Class SubclassIdenifier(BaseclassIdentifier) |
| Composition association | def methodIdentifier(self):  self.objectIdentifier=ClassIdentifier() |
| Call composition method | objectIdentifier=SubclassIdentifier()  object.attributeIdentifier.classMethodIdentifier() |
| Aggregation  association | def methodIdentifier(self,objectIdentifier):  self.objectIdentifier=objectIdentifier |
| Call Aggregation method | objectIdentifier=ClassIdentifier()  obj2=SubclassIdentifier(objectIdentifier)  obj2.attributeIdentifier.methodFromClassIdeitifier() |
| Static Method | class ClassIdentifer(object):  *@staticmethod*  def staticMethodIdentifier():  pass  ClassIdentifier.staticMethodIdentifier() |
| Class attributes   * Public * Private * Protected | attributeIdentifier=12  \_\_attributeIdentifier=12  \_attributeIdentifier=12 |