**Q1. What is the difference between \_\_getattr\_\_ and \_\_getattribute\_\_?**

\_getattribute\_\_ has a default implementation, but \_\_getattr\_\_ does not.

**Q2. What is the difference between properties and descriptors?**

In Properties, We can bind getter, setter functions with an attribute name, using the built-in property function. In descriptor, We can bind getter, setter (and deleter) functions into a separate class. We then assign an object of this class to the attribute name.

**Q3. What are the key differences in functionality between \_\_getattr\_\_ and \_\_getattribute\_\_, as well as properties and descriptors?**

To access the attribute of class which are not defined in the class, we use **getattr**() method. But if the attribute does exist, **getattr** won’t be invoked. **getattribute** will look for every attribute, doesn’t matter if the attribute exists or not.

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