1. What is the difference between __getattr__ and __getattribute__?

Ans: __getattribute__ is used to find an attribute of a class, it raises an AttributeError if it fails to find an attribute of a class.
__getattr__ is implemented later if AttributeError is generated by __getattribute__. If no attribute is found, __getattr__ returns a default value. It is called for attributes that don't actually exist in a class.

2. What is the difference between properties and descriptors?

Ans: Properties help can bind getter, setter and delete functions together with an attribute name, using the built-in property function or @property decorator.
Descriptor help bind getter, setter and delete functions into a seperate class

3. What are the key differences in functionality between __getattr__ and __getattribute__, as well as properties and descriptors?

Ans:
__getattribute__ is used to find an attribute of a class, it raises an AttributeError if it fails to find an attribute of a class.
__getattr__ is implemented later if AttributeError is generated by __getattribute__. If no attribute is found, __getattr__ returns a default value. It is called for attributes that don't actually exist in a class.