

## Python Advance Assignment\_3

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1. What is the concept of an abstract superclass?

Answer - A class is called an Abstract class if it contains one or more abstract methods. An abstract method is a method that is declared, but contains no implementation. Abstract classes may not be instantiated, and its abstract methods must be implemented by its subclasses.

2. What happens when a class statement's top level contains a basic assignment statement?

Answer-It will evaluate the expression.

3. Why does a class need to manually call a superclass's **init** method?

Answer-It is done in order to initialize superclass variable.

4. How can you augment, instead of completely replacing, an inherited method?

Answer- We can use method overriding in this scenario.

5. How is the local scope of a class different from that of a function?

Answer- Declaring a variable in a class all members of class can access it whereas in a method it can only be utilized locally. The variable in the method will be going to be local for that method itself and can not be used by any other.