1. What is the concept of an abstract superclass?

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1  The absstract suerclass contains the methods which are just defines but not
   implemnted .
2  It will work as a template for the classes which inherit the abstract superclass
```

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

```
1  when a class statement's top level contains a basic assignment statement those
   varibles are called class variables ,
2  That is called class atribute initialisation
```

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

```
1  __init__() method serves as a constructor for the class
2  It is used to initialise the instance atributes at the time of class declaration
```

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

```
1  From the subclass withput removing that method we can call the dame mehod form the
   parent class using super() method
```

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

```
1  In class local space it can be used any where inside the class in any method.
2  It can also be modified in ant class methhod.
3  In functuion The scope is upto that variable only and that variable cannot be
   modified by other fuctions
```