```python
#Q1. What is Abstraction in OOps? Explain with an example.

#ANSWER
#Abstraction is the process of hiding the internal details of an application from the outer world.
#Abstraction is used to describe things in simple terms.
#It's used to create a boundary between the application and the client programs.

#EXAMPLE :-
#Your car is a great example of abstraction. You can start a car by turning the key or pressing the start button.
#You don't need to know how the engine is getting started, what all components your car has.
#The car internal implementation and complex logic is completely hidden from the user.
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```python
#Q2. Differentiate between Abstraction and Encapsulation. Explain with an example.

#ANSWER
#They both seem very similar but totally different in concept and implementation.
#The major difference between abstraction and encapsulation is that abstraction hides the code complexity while encap
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```python
#Q3. What is abc module in python? Why is it used?

#ANSWER
#The main goal of the abstract base class is to provide a standardized way to test whether an object adheres to a giv
#It can also prevent any attempt to instantiate a subclass that doesn't override a particular method in the superclas
#And finally, using an abstract class, a class can derive identity from another class without any object inheritance.
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```python
#Q4. How can we achieve data abstraction?

#ANSWER
#We can acheive abstraction in 2 ways :-
#Using Abstract Class
#Using Interface
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```python
#Q5. Can we create an instance of an abstract class? Explain your answer.

#ANSWER
#NO, because it is abstract, it is not complete, hence it cannot be used.
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In [ ]:
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