

What is abstraction?

Abstraction is a process of hiding the implementation details from the users, only the highlighted set of services provided to the user.

Ex:- call → green or red

What is abstract class?

Abstract class is a class that contains one or more abstract methods called abstract class.

Note:-

1. An object of an abstract class cannot be created.
2. Python provides abc module to work with abstraction.
3. We use @abstractmethod decorator to define abstract method.

Syntax:- from abc import ABC

```
Class demo(ABC):
```

```
    Def fun(self):
```

```
        #body
```

```
    @abstractmethod
```

```
    Def fun2(self):
```