Interface

* An interface is a blueprint of a class.
* In interface we define only method but we won't implement method.
* If we are defined a methods but if we didn’t implemented those methods are called abstract methods.
* Every interface is a business document says what to do.
* Those business document implemented by classes. Every class is business implementer.
* if we want to add extra futures (Methods) in class we can add without defining in interface.
* But in interface class we no need to declare for method before with keyword abstract to tell java.
* By default interface design to store abstract methods only .So no need to declare specify “abstract” keyword in interface class.
* The above process performs only in before java 8 version.
* In/ after java 8
* Many features implemented in java 8.
* From Java 8 version we can defined and implements methods in interface class itself.
* In interface we can define and implement methods by using keyword "default", "static".
* We need to mention those keywords, if we not mentioned those keywords by default interface class consider as public.
* Default
* If we are creating method using default access modifier we can't access those methods directly outside only through class where we implement those methods we are using.
* After creating objects only we need to call default methods.
* It will go to class first and then we access.
* Static:
* We can use directly outside world. By calling interface name we can access static methods.
* In /after java 9
* We can defined and implement method in interface itself.
* By using private access modifier we can implement method in interface.
* With both static and non-static keywords we can implement methods with private access modifier.

* Private
* Used for common code.
* To avoid code duplication and to introduce code re-usability we are using private access modifier in interface.
* In private both static and non-static methods will be there.

Difference between class and interface?

* In class we define and implement methods (how to do). But in interface we just define a method (what to do).