1. Interface Default Methods in Java 8

* Now with java 8 **default methods** we can add methods to interface without disturbing existing functionality.
* So instead of overriding now we can inherit these default methods from interfaces
* Defaults methods are also  known as defender methods or virtual extension methods
* Default methods will help us to avoid utility classes.
* We can define utility methods inside the interface and use it in all classes which is implementing.
* One of the major reason to introduce this default methods in java 8 is to support lambda expressions in collections API and to enhance.

1. package com.instanceofjava;
2. interface JavaInterface{
4. private int x; // compile time error: Illegal modifier for the interface field Sample.x; only public, static & final are permitted
5. protected int a; // compile time error: Illegal modifier for the interface field Sample.a; only public, static & final are permitted
6. }