1. What are different modifiers in java?

* Private
* Private access modifiers is accessible in only class
* Private can access variable, method and constructor in same class
* Subclass can’t access the properties of parents class
* Fields are open declared private to control the access to them from the outside of world
* Class and interface can’t be private
* Variable are declared as private can be accessed outside form the class, if public getter method will visible in the class
* Private can’t be access form any class in the same package
* Private can’t be access form any sub class in the same package
* Private can’t be access form any sub class in the different package
* Default
* If we don’t use any modifier, it will be treated as a default modifier by default
* Default modifier can be accessible only within the package
* A variable or method declared without any access modifier is available to any other class in the same package
* Protected
* A protected access modifiers is accessible within same package and outside the other package only through the inheritance
* Protected access modifiers can’t be applied to class and interface
* Subclass can access protected methods and member variables of the super class, even though subclass is not located in same package as the super class
* Public
* Java access modifier public means that all code can access the class, fields, constructor and methods regardless of where the accessing cod is located, accessing code can be different class and different package