Enum, POJO, Final Classes

- **POJO class**
  - Plain old java object
  - Very simple class
  - should be public
  - public default constructor
  - No annotations like @Table etc.
  - should not extend any class and must not implement any interface
- E**num Class**
  - Collection of constants - whose values cannot be changed
  - All constants inside Enum class are **static and final** implicitly
  - cannot extend any class, internally extends java.lang.Enum class (because we cannot extend more than 2 parent)
  - It can implement interfaces
  - It can have variable, constructor and methods
  - cannot br initiated, since constructor will be private only
  - No other class can extend enum class
  - It can have one abstract method, and all the constants should implement abstract method
  - values ( ) - enum constants array
  - valueOf ( ) - we can provide 'string' to get back enum obj
  - name ( ) - get constant name
  - ordinal ( ) - get ordinal values
  - we can also provide custom constant values
    - method, and values defined are for each constant
    - private constructor is initiated within Enum class
  - we can override methods for each constant as well
  - we can make enum method as abstract, then all constants have to provide definition of it
  - with enum we can control, which values we are expecting
- **Final class**
  - cannot be inherited