Quiz Answer

1. Inner class is literally "*another class inside a class*" or sometime referred as "*nested class".* Inner class can be treated as other method/attribute in a class. This means, inner class can be static or non-static in context and private, protected, no modifier, or public in protection level.
2. Theoretically, static means "*member of a class that is associated with the class itself*". This means, static member of a class can be accessed without instantiating the class. In nested class case, if an inner class is static, then it could be accessed from anywhere without instantiating (similar to global). On the other hand, accessing a member of non-static inner class must through its instance since it is not associated with the class. This is the main difference between static and non-static inner class (nested class).
3. Source codes are attached and may be accessed also through this link: https://github.com/hubertme/LectureRepo-OOP/tree/master/_quiz-answers/innerclass or by scanning following QR Code: