How many types of nested classes are there in java?  
  
  
2) Can we access non-static members of outer class inside a static nested class?  
  
3) What are member inner classes in java?  
  
  
4) Can member inner classes have static members in them?  
  
  
5) Can we access all the members of outer class inside a member inner class?  
  
6) Can we declare local inner classes as static?  
  
  
7) Can we use local inner classes outside the method or block in which they are defined?  
  
8) Can we declare local inner classes as private or protected or public?  
  
  
9) What is the condition to use local variables inside a local inner class?  
  
10) What are anonymous inner classes in java?  
  
  
11) What is the main difference between static and non-static nested classes?

What is an Enum?  
How do you create an enum from a String value?  
What is an Enum Ordinal?  
How do you compare two Enums?  
Can you use a Switch Statement around an Enum?

Can Enum implement interface in Java?  
Can Enum extends class in Java?  
How do you create Enum without any instance? Is it possible without compile time error?  
Can we override toString() method for Enum? What happens if we don't?  
Can we create instance of Enum outside of Enum itself? If Not, Why?  
Can we declare Constructor inside Enum in Java?  
What is difference in comparing Enum with == and equals() method?  
What does ordinal() method do in Enum?  
Can we use Enum with TreeSet or TreeMap in Java?  
What is difference between ordinal() and compareTo() in Enum?  
Can we use Enum in switch case in Java?  
How to iterate over all instance of a Enum?  
What is advantage and disadvantage of using Enum as Singleton?