# **Java Exercise date 26-02-2020 Part 1**

**Question**:

1.Can the following code be compiled? Why?

Integer n1 = new Integer(3);

Object n2 = new Integer(4); System.out.println(n1.compareTo(n2

2.Can you invoke the clone() method to clone an object if the class for the object does not implement the java.lang.Cloneable? Does the Date class implement Cloneable?

**Answer:**

1.Error compile because the Object can not convert to Integer (**n1** is **Integer** and **n2** is **Object**).

2.Yes we can use clone method to clone an object without implement the java.lang.Cloneable. Date class need to implement Cloneable.

To use java object clone() method, we have to implement the marker interface java.lang.Cloneable so that it won’t throw CloneNotSupportedException at runtime. Also Object clone is a protected method, so we will have to override it to use with other classes.

Notice that we are using Object clone() implementation, so we have to implement Cloneable interface.