JAVA - COMPARETO() METHOD

Description:

The method compares the Number object that invoked the method to the argument. It is possible to compare Byte, Long, Integer, etc.

However, two different types cannot be compared, both the argument and the Number object invoking the method should be of same type.

Syntax:

```
public int compareTo( NumberSubClass referenceName )
```

Parameters:

Here is the detail of parameters:

- **referenceName** -- This could be a Byte, Double, Integer, Float, Long or Short.

Return Value:

- If the Integer is equal to the argument then 0 is returned.

- If the Integer is less than the argument then -1 is returned.

- If the Integer is greater than the argument then 1 is returned.

Example:

```java
public class Test{

   public static void main(String args[]){
      Integer x = 5;
      System.out.println(x.compareTo(3));
      System.out.println(x.compareTo(5));
      System.out.println(x.compareTo(8));
   }
}
```

This produces the following result:

```
1
0
-1
```