Programming Assignment

In the sample code in the supplementary code folder, there are classes `Employee`, `NameComparator`, and `EmployeeSort`.

Add code according to the following specifications:

1. Create a `SalaryComparator` class whose `compareTo` method orders `Employee` objects in increasing order of salary.

2. Create a `HireDateComparator` class whose `compareTo` method orders `Employee` objects in increasing date of hire.

3. Write additional code in the `EmployeeSort` constructor which, after the "sort by name" operation is done and then sorts by salary, then sorts by hire date, and each time print the result to the console.

4. Make sure your Comparator implementations are consistent with equals.