Lambda Expressions

Implement a Comparator for a Person class using a lambda expression, and sort a list of Person objects by their age..

```
package Day19;

import java.util.ArrayList;
import java.util.Collections;
import java.util.List;

public class Task4 {
    public static void main(String[] args) {
        // Create a list of Person objects
        List<Person> people = new ArrayList<>();
        people.add(new Person("Alice", 30));
        people.add(new Person("Bob", 25));
        people.add(new Person("Charlie", 35));
        people.add(new Person("David", 28));

        // Print the list before sorting
        System.out.println("Before sorting:");
        for (Person person : people) {
            System.out.println(person);
        }

        // Sort the list by age using a lambda expression
        Collections.sort(people, (p1, p2) -> Integer.compare(p1.getAge(), p2.getAge()));

        // Print the list after sorting
        System.out.println("\nAfter sorting:");
        for (Person person : people) {
            System.out.println(person);
        }
    }
}
```

Task1.java | Task2.java | Task3.java | Example.java | Task4.java | Person.java | NQueensProbl...

```java
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        for (Person person : people) {
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Markers | Properties | Terminal | Console | Coverage

<terminated> Task4 (1) [Java Application] C:\Users\Nikita\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\

```
Person{name='Charlie', age=35}
Person{name='David', age=28}

After sorting:
Person{name='Bob', age=25}
Person{name='David', age=28}
Person{name='Alice', age=30}
Person{name='Charlie', age=35}
```