

Task 4: Lambda Expressions

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

```
package com.wipro.model;

import java.util.*;

class Person1{

    private String name;

    private int age;

    public Person1(String name, int age) {

        this.name = name;

        this.age = age;

    }

    public String getName() {

        return name;

    }

    public int getAge() {

        return age;

    }

    @Override

    public String toString() {

        return "Person{" +

            "name=" + name + "\" +

            ", age=" + age +

            '}';

    }

}

public class PersonComparatorExample {

    public static void main(String[] args) {

        List<Person1> people=new ArrayList<>();

        people.add(new Person1("Alice",25));

        people.add(new Person1("Bob",30));
```

```
people.add(new Person1("Charlie",20));  
Collections.sort(people, Comparator.comparing(Person1::getAge));  
System.out.println("Sorted by age:");  
for (Person1 person:people){  
    System.out.println(person);  
}  
}  
}
```