

```
import java.util.Comparator;
import java.util.List;
import java.util.stream.Collectors;
import java.util.*;
```

```
class Employee {
    private String name;
    private int salary;

    public Employee(String name, int salary) {
        super();
        this.name = name;
        this.salary = salary;
    }
}
```

```
public String getName() {
    return name;
}
```

```
public void setName(String name) {
    this.name = name;
}
```

```
public int getSalary() {
    return salary;
}
```

```
public void setSalary(int salary) {
    this.salary = salary;
}
```

```
@Override
public String toString() {
    StringBuilder sb = new StringBuilder("<");
    sb.append("name: ");
    sb.append(name);
    sb.append(" salary: ");
    sb.append("" + salary+">");
    return sb.toString();
}
}
```

```
class EmployeeInfo {
```

```
enum SortMethod implements Comparator<Employee> {
    NAME(Comparator.comparing(Employee::getName)),

    SALARY(Comparator.comparingInt(Employee::getSalary));

    private final Comparator<Employee> comparator;
```

```

SortMethod(Comparator<Employee> comparator) {
    this.comparator = comparator;
}

@Override
public int compare(Employee o1, Employee o2) {
    return comparator.compare(o1, o2);
}
};

public List<Employee> sort(List<Employee> emps, final SortMethod method){
    //List<Employee> list = list.sort(Comparator.comparing(Employee::getSalary).thenComparing(Employee::getNam
e));
    return emps.stream().sorted(method).collect(Collectors.toList());
}

public boolean isCharacterPresentInAllNames(Collection<Employee> entities, String character) {
    //List<Employee> emp = new ArrayList<>();

    boolean res = entities.stream().anyMatch((a) -> a.getName().startsWith(character));
    return res;
}

}

public class EmployeeVerification {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        List<Employee> emps = new ArrayList<>();
        emps.add(new Employee("Mickey", 100000));
        emps.add(new Employee("Timmy", 50000));
        emps.add(new Employee("Annny", 40000));

        EmployeeInfo e1 = new EmployeeInfo();
        //System.out.println(e1.sort(emps, null));

    }

}

```