SortingStudentsByGPA.java:

**import** java.util.Comparator;  
**public class** SortingStudentsByGPA **implements** Comparator {  
 @Override  
 **public int** compare(Object o1, Object o2) {  
 **if**(((Student)o1).getGPA()>((Student)o2).getGPA()){  
 **return** -1;  
 }  
 **else return** 1;  
 }  
}

Student.java:

**public class** Student {  
 String **name**;  
 String **lastname**;  
 **int GPA**;  
  
 **public** Student(String name, String lastname, **int** GPA) {  
 **this**.**name** = name;  
 **this**.**lastname** = lastname;  
 **this**.**GPA** = GPA;  
 }  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public** String getLastname() {  
 **return lastname**;  
 }  
  
 **public int** getGPA() {  
 **return GPA**;  
 }  
  
 @Override  
 **public** String toString() {  
 **return "Student{"** +  
 **"name='"** + **name** + **'\''** +  
 **", lastname='"** + **lastname** + **'\''** +  
 **", GPA="** + **GPA** +  
 **'}'**;  
 }  
}

SortTest.java:

**import** java.util.Collections;  
  
**public class** SortTest {  
  
 **public static void** main(String[] args) {  
 StudentList example = **new** StudentList();  
 **for**(Student student:example.**list**){  
 System.***out***.println(student.toString());  
 }  
 Collections.*sort*(example.**list**, **new** SortingStudentsByGPA());  
 System.***out***.println(**"После сортировки:"**);  
 **for**(Student student:example.**list**){  
 System.***out***.println(student.toString());  
 }  
 }  
}  
  
StudentList.java:

**import** java.util.ArrayList;  
  
**public class** StudentList {  
 Student **one** = **new** Student(**"Maksim"**, **"Ivanov"**, 4);  
 Student **two** = **new** Student(**"Artem"**,**"Petrov"**, 5);  
 Student **three** = **new** Student(**"Oleg"**, **"Makarov"**, 3);  
 ArrayList<Student> **list** = **new** ArrayList<>();  
 StudentList(){  
 **list**.add(**one**);  
 **list**.add(**two**);  
 **list**.add(**three**);  
 }  
}