```java
package programutvikling.oblig;

import java.util.*;


public class StudentGroup {
    Map <Student, Integer> studenter = new HashMap <>();

    public void addStudent(Student student, Integer grade){
        studenter.put(student, grade);
    }

    @Override
    public String toString(){
        return "Karakter: " + studenter;

    }


  public void listStudentsByGrade () {

        ArrayList<Map.Entry<Student, Integer>>list = new ArrayList<>(studenter.entrySet());
        list.sort(Map.Entry.comparingByValue(new GradeComparator()));

    }

}
```