## 实验 11

## 实验目的：

* 熟悉**Lambdas and Streams**
* 熟悉泛型方法和泛型类

## 实验要求：

* 按照题目要求写代码，压缩，并上传到course.xmu.edu.cn

1. 提示用户循环输入学生信息，学生包括学号、姓名、班级、已修学分。在用户输入完成以后，给出以下输出：
2. 按照输入顺序输出所有学生信息；
3. 按照先按班级再按学号排序的顺序输出所有学生信息；
4. 输出全部学生所修学分的平均分；
5. 分班级分组输出所有学生。

**要求：要用到Lambdas表达式和Streams。**

1. Write a simple generic version of method *isEqualTo* that compares its two arguments with the *equals* method and returns **true** if they are equal and **false** otherwise. Use this generic method in a program that calls isEqualTo with a variety of built-in types, such as Object or Integer.
2. Write a generic class *Pair* which has two type parameters **F** and **S**, each represents the type of the first and second element of the pair respectively. Add get and set methods for the first and second elements of the pair. [Hint: The class header should be public class Pair< F, S >.]