

If you have questions during this lab do not hesitate to ask your lab demonstrator.

All classes must have comments at the beginning containing your name and student number.

Instructions: Develop a program named **StudentListing** that

- Reads student data from **Readme.txt** and creates student instances
  - use the `Student` class provided for the lab
- Saves student instances in an array list
- Displays the number of students in the list
- Produces a list of students, one student per line, in this way:

```
for (Student s: myList) {
    System.out.println("student= "+s);
}
```

Copy the student data provided for this lab to **Readme.txt**. The data comprises comma-separated values for fields: first name, last name, gender and active.

Previously we have used the `Scanner` class with its default delimiter of whitespace. In this lab, use the `Scanner` class with **comma** as the delimiter:

```
Scanner f = new Scanner(
    new File("Readme.txt")).useDelimiter(",");
```

Then to get each token we can use `f.next()` or `f.nextBoolean()`

Note that student gender is of type `char`, and that `char` value can be obtained using

```
f.next().charAt(0)
```

**You must use** the `Student` class given along with this lab. This version of `Student` is simpler than the one in the text – this version makes no reference to the `Subject` class (not needed for this lab).

Your BlueJ project will include

```
Readme.txt,
Student.java, and
MakeStudents.java
```

Submit `MakeStudents.java` to the email corresponding to your lab section with subject Lab 10