Project 1 Description

Task: Write a java program which finds two feasible solutions to instances of ChannelAllocation. The input file will be called input.txt and will consist of two integers per line with each line representing one open interval. The first feasible solution should be the true optimal solution which can be found using the **LowestUnusedChannel** algorithm. The second feasible solution should be the result of repeatedly using the **EarliestFinishTime** algorithm (that solves the IntervalScheduling problem).

Submission: Turn your program in on moodle.

Sample input.txt

```
1 5
6 11
2 7
9 10
```

Sample Interaction:

```
Project 1: Channel Allocation
Reading the file: input.txt

LUC uses 2 channels
1: (1,5) (6,11)
2: (2,7) (9,10)

IterEFT uses 3 channels
1: (1,5) (9,10)
2: (2,7)
3: (6,11)
```