

# ITC313-Assignment 1 Task 1

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## Pre-requisites

Requires [au.com.bytecode.opencsv.CSVReader](http://au.com.bytecode.opencsv.CSVReader).

On Debian, install libopencsv-java and include /usr/share/java/opencsv.jar when compiling.

## How to run

Extract

```
unzip 11429074_ass1.zip
cd task1
```

Compile and run using ant

```
ant
```

Compile and run without ant

```
mkdir bin
javac -d bin -classpath bin:/usr/share/java/opencsv.jar \
    -sourcepath src src/interestmap/InterestMap.java
java -classpath /usr/share/java/opencsv.jar:bin interestmap.InterestMap
```

## Expected output

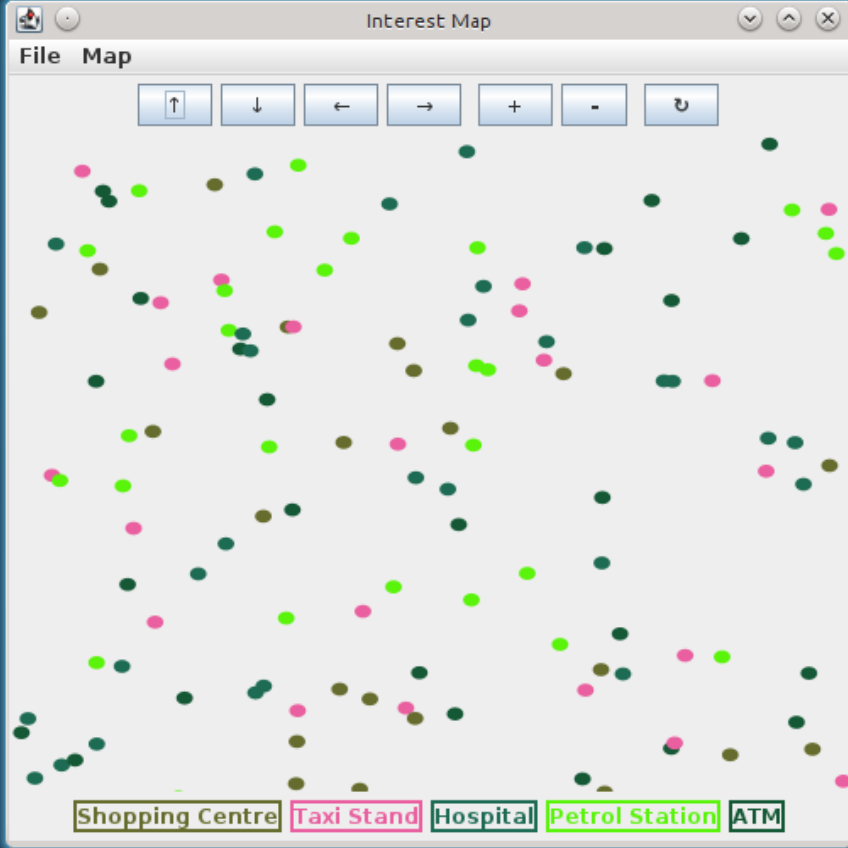
After running:

```
ben@puck:~$ cd uni/ITC313-Ass1/task1/
ben@puck:~/uni/ITC313-Ass1/task1$ ant
Buildfile: /home/ben/uni/ITC313-Ass1/task1/build.xml

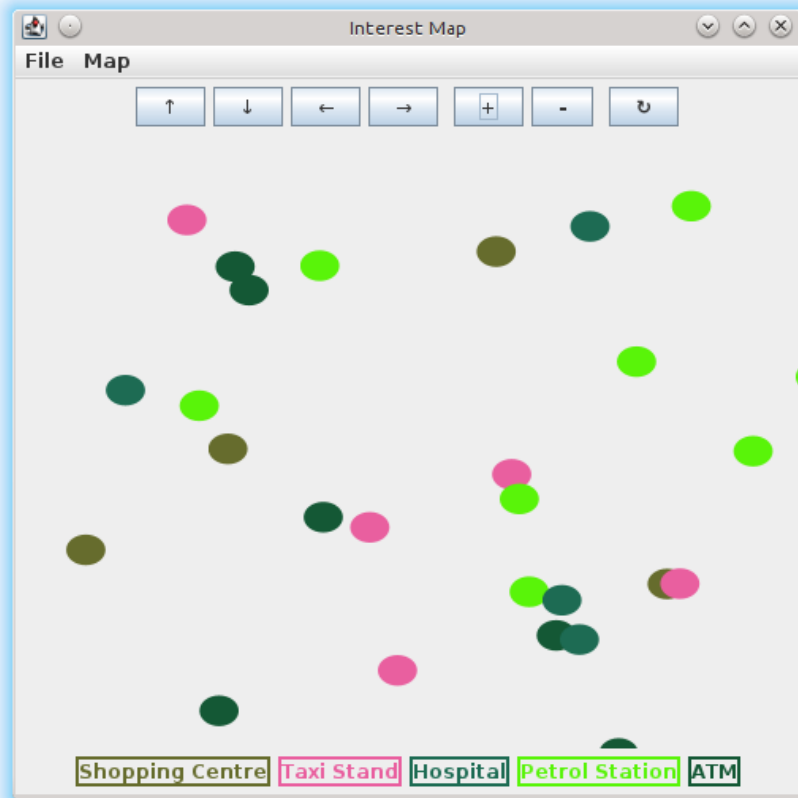
clean:
    [delete] Deleting directory /home/ben/uni/ITC313-Ass1/task1/bin

compile:
    [mkdir] Created dir: /home/ben/uni/ITC313-Ass1/task1/bin
    [javac] Compiling 6 source files to /home/ben/uni/ITC313-Ass1/task1/bin

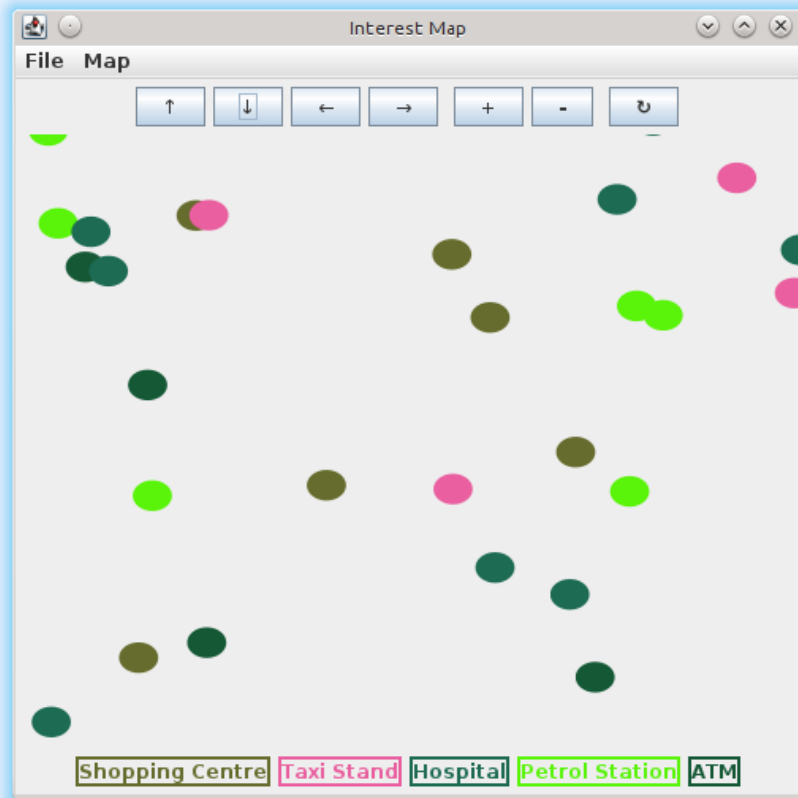
run:
    [java] 
```



Use the plus and minus + - buttons to zoom in and out:

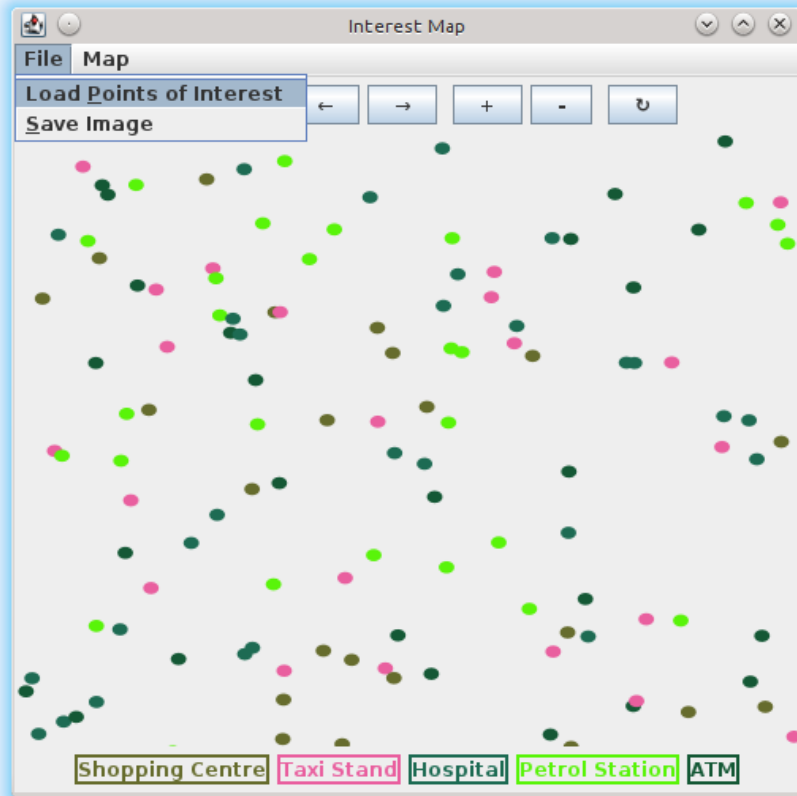


Use the arrow  $\uparrow \downarrow \rightarrow \leftarrow$  buttons to pan around:



Use the circle arrow  button to reset the zoom and pan back to normal.

Open a new file with the *File* → *Load Points of Interest* menu:



Colours are generated randomly. Re-generate colours with the *Map* → *Change Colours*:

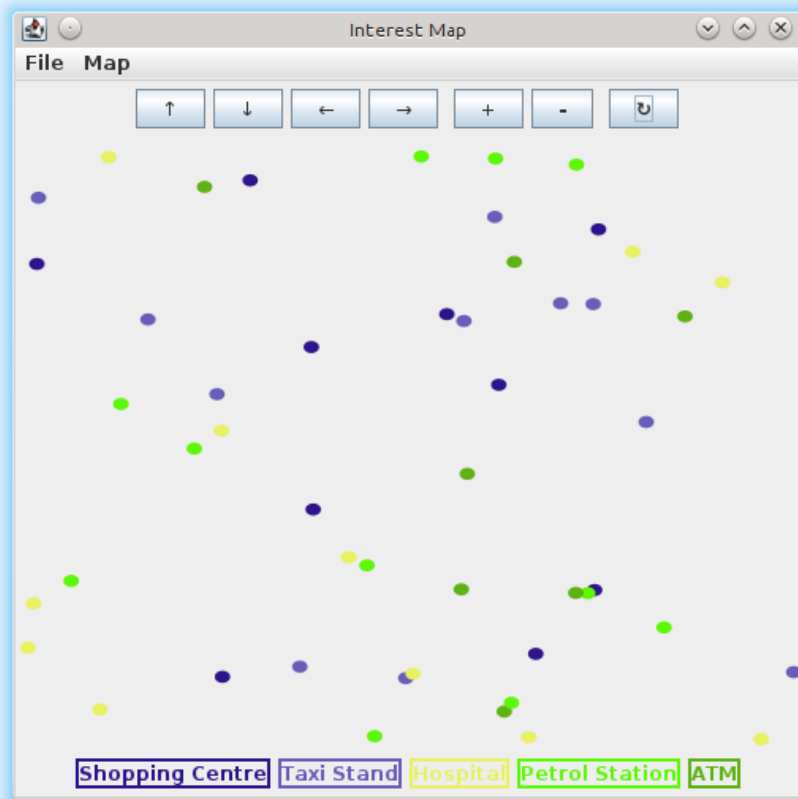
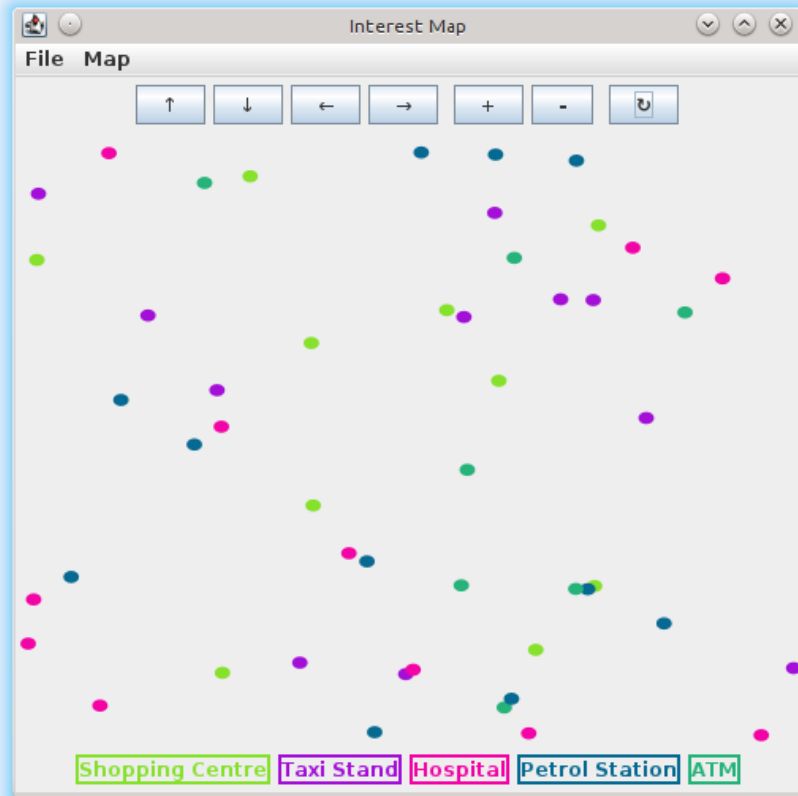


Figure 1: New File



Save the current view as an image with the *File* → *Save Image* menu:  
 For some reason this comes out with a black background!

