

**Lab Goal :** This lab was designed to teach you how to use a Map.

**Lab Description :** Read in a paragraph and replace each acronym with the group of words it represents.

Here the list of acronyms and matching phrases :

TSO – Texas State Optical  
PDA – Personal Display of Affection  
RBI – Runs Batted In  
SO – Strike Out  
FG – Field Goal  
CPU – Central Processing Unit  
HD – Hard Drive  
PU – Pick Up

### Files Needed ::

`Acronyms.java`  
`AcroRunner.java`

### Sample Data :

8  
TSO - Texas State Optical  
PDA - Personal Display of Affection  
RBI - Runs Batted In  
SO - Strike Out  
FG - Field Goal  
CPU - Central Processing Unit  
HD - Hard Drive  
PU - Pick Up  
I drove my PU to TSO to get a HD. My  
CPU has a virus. I sometimes SO  
when trying to kick a FG. I had 2 RBI  
at the game. I saw 2 PDA  
infractions in the hall.

# of data sets in the file - 8

### Sample Output :

==== MAP CONTENTS ====

```
{CPU=Central Processing Unit
FG=Field Goal
HD=Hard Drive
PDA=Personal Display of Affection
PU=Pick Up
RBI=Runs Batted In
SO=Strike Out
TSO=Texas State Optical}
```

==== READ LINES ====

I drove my Pick Up to Texas State Optical to get a Hard Drive. My  
Central Processing Unit has a virus. I sometimes Strike Out  
when trying to kick a Field Goal. I had 2 Runs Batted In  
at the game. I saw 2 Personal Display of Affection  
infractions in the hall.