ITP 365: Introduction to C++ Programming

Lab Practical 3   Due: BoNC (Beginning of Next Class)

Goal

In this lab, you'll practice using Stanford maps and string manipulation.

Setup

- Download and decompress the starter project for **Lab 3**.
- Open the appropriate solution file to begin
- All your files must begin with the following (replace the name and email with your actual information):
  ```
  // Name
  // ITP 365, Spring 2017
  // Lab 3
  // USC email
  ```

Requirements

Your program should read in the file "srtallies.csv", which is a comma-separated file where the first field is a subreddit name and the second field is the number of posts in that subreddit between 2007 and mid-2015. Store the subreddit name (as a string) as the key in a map and the number of posts (as a string) as the value in the map.

main.cpp file:

- You may create any necessary functions to achieve the desired results.
- You MUST use a Stanford MAP to store the data.

Sample Output

Your program should resemble the following output (user input is in RED):

```
1) Look up subreddit
2) List subreddits codes
?) Quit
> 1
Enter a subreddit name: hacks
HACKS --> 33122215123
1) Look up subreddit
2) List subreddits codes
?) Quit
> 1
Enter a subreddit name: usc
USC --> No known subreddit!
1) Look up subreddit
2) List subreddits codes
?) Quit
> 5
Bye!
```

Deliverables

1. A compressed folder containing **only the code files you've modified**, named **Lab3.zip**.