

## COMP 321 – Winter 2019

### Assignment 1

Due Jan 29<sup>th</sup>, 6pm

Solve the selected Kattis problems:

1. Trik (<https://open.kattis.com/problems/trik>)
2. I Can Guess the Data Structure (<https://open.kattis.com/problems/guessthedatastructure>)
3. Flexible spaces (<https://open.kattis.com/problems/flexible>)(tip: try brute force)

Please remember that the assignment must be solved individually. What I expect from you is the following:


1. A file uploaded in My Courses (please upload it in the 'Assignment1' folder) containing the acceptance notifications that you received from Kattis (a sample image is on the following page)
  - a. This file must be in PDF format and must be named Assignment1\_ID.pdf, where ID is your McGill id number.
  - b. Make sure that it captures your user name on Kattis, which must match your official first and last name that appears in My Courses.
  - c. Recommended: use Word, Pages, etc to save the notifications for each question all into one document (sample on the next page).
2. You must submit the code that you used in your submission.
  - a. The files must be named Problem\_ID.extension, where 'Problem' is the name of the problem, ID is your McGill id and 'extension' is the program extension (.py, .java, .c or .cpp).
  - b. Please add comments to your code.

## Sample Report for Submission:

Capture an image like this example. Of course, my code for question 1 is wrong here. You should make sure you get a green checkmark and “Accepted” for full marks.

Check how to take screenshots on your OS. Some examples:

- Shift, command and 5 on Mac
- Print Screen button on most Windows and Linux versions

**Kattis**  
PROBLEMS CONTESTS RANKLISTS JOBS (3) HELP

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David Meger  
Score: 5.0, Rank: 37309