

PROGRAMING CHALLENGES

COMP321

ASSIGNMENT 9

Solving the problems I give you.

The list of the problems that we will solve for this assignment is as follows. Please choose two (out of 8) of the following problems. Please note that these problems correspond to the same problem set that you started solving during the contest of last Saturday. If you solved two or less problems during the contest, you can solve a third problem to get an extra 5% in the score of the contest.

1. **Eight Queens** (<https://open.kattis.com/problems/8queens>)
2. **Flip Five** (<https://open.kattis.com/problems/flipfive>)
3. **Number Trick** (<https://open.kattis.com/problems/trick>)
4. **Goldbach's Conjecture** (<https://open.kattis.com/problems/goldbach2>)
5. **Logo** (<https://open.kattis.com/problems/logo>)
6. **Block Game** (<https://open.kattis.com/problems/blockgame2>)
7. **Completing the Square** (<https://open.kattis.com/problems/completingthesquare>)
8. **A List Game** (<https://open.kattis.com/problems/listgame>)

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

1. A .pdf file uploaded in mycourses (please upload it in the 'Assignment9' folder). This .pdf must be named Assignment9_ID.pdf, where ID is your McGill id number. Inside the pdf file you must copy/paste the acceptance notifications that you received from Kattis.
2. You must submit the code that you used in your submission. The files must be named Problem_ID.extension, where 'Problem' is the name of the problem and ID is your McGill id and 'extension' is the program extension (.py, .java, .c or .cpp). Please add comments to your code.

The due date for this assignment is Thursday April 13th before midnight.