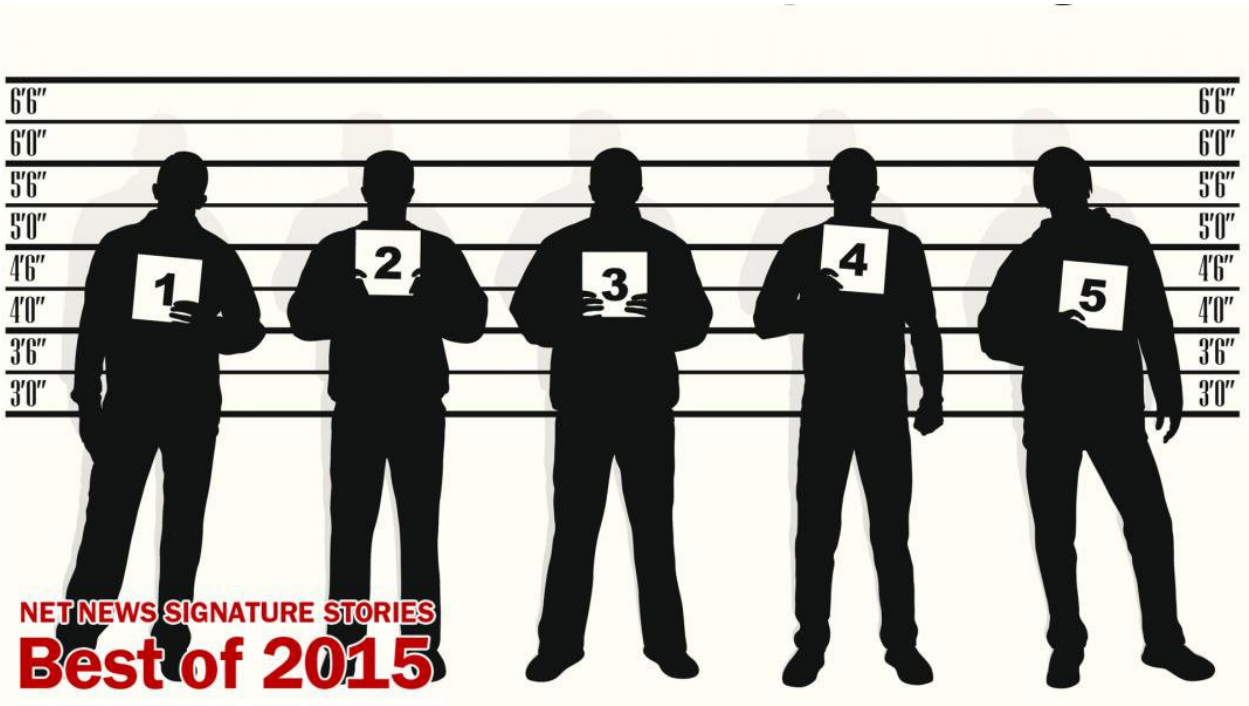
Normo Vs. The Court of Public Opinion

Objective:

- Arrays
- Arrays as parameters

Scenario:

Normo has failed to win the hearts of the general slime populace, and has recently become the victim of Slime Crimes. In order to catch the perpetrator, the slime cops have asked for Normo's assistance. He must select which slime from a lineup committed said crimes. However, Normo had his eyes closed the entire time, so listening to their rendition of "Tell me Why" by the Backstreet Boys did not help. He has decided to just pick the one with the longest name.



Requirements:

You will need to store all of the slimes names in a C++ array.

You will also need to write a function called **findCriminal**. This function should take an array of strings (of names of slimes), as well as the size of the array (of strings of names of slimes). This function must return the **index** of the guilty slime (being the slime with the longest name). If there are multiple slimes with the same length name, the slime closest to the end of the array should be picked. (i.e. if "Jumanji" is at index 2 and "Papyrus" is at index 9, and the longest name is of length 7, the number 9 should be returned.

Program Flow

- Declare an array of 5 slimes names.
- Take the name of each slime as input from the console.
- Call the "findCriminal" function on the array.
- Output the name of the perpetrator.

Submission

- To test your code, run the command *fg++ *.cpp -o fileName* and type *fileName* into the command line to run your executable.

- Submissions must be made through git. If you need a refresher:
  git clone your repository.
  cd into your repository.
  Write all of your code in your repo.
  When you're done, **git add .**
  git commit -m "He's back, fellas"
  git push
  Double check gitlab to make sure your submission went through.

Sample output 1

Please input the names of the 5 suspects.
Jim
Bob
Portugal
Lana
Potooooo

The perpetrator was: Potooooo

Notes:

- As always, you must use at least 3 separate files: A main.cpp file for your main function, a .h file for your function prototypes and documentation, and a .cpp file for your function definitions.
- Indexing in C++ starts at 0.