CMPSC 100

Computational Expression

```
import java.util.Scanner;

class CMPSC100Intros{
    public static void main(String[] args){
        int studentsRemaining = Integer.parseInt(args[0]);
        while(studentsRemaining > 0){
            String[] askEachStudent = {
                "Your name",
                "One thing you've built that you're proud of“,
                “One reason you’re taking this class” // ASTUTE WIZARDS DO NOT SAY “BECAUSE IT’S REQUIRED”
            };
            Scanner response = new Scanner(System.in);
            for(String qForStudent: askEachStudent){
                System.out.println(qForStudent);
                String answer = response.next();
            }
            studentsRemaining--;
        }
    }
}
```

> [Computer science] actually has a lot in common with magic…[i]t’s not a science. It’s also not really very much about computers…computer science, in some sense, isn’t real.

HAL ABELSON, PROFESSOR, MIT

Stand back, we’re doing MAGIC!

COMPUTER SCIENCE == COMPUTATIONAL PROCESS

A computational process

$$20 + 31 - (6 \times 3) \div 2$$

And now, PB&J time.

Objective

- To write the instructions for compiling a peanut butter & jelly sandwich using only:
  - Verbs
  - Nouns
  - Numbers
  - The word “then”

- Write only one instruction per line
- Capitalize all verbs and the word “then”
- When finished, write your group’s procedure on the board.

Course particulars

- If you haven’t already, accept your invitation to our course’s Slack channel
- Read through the syllabus (link posted to #general channel)
- View the course’s GitHub for the schedule—including readings (link posted to #general channel)
- Come back on Friday for our first “practical” session.
  - We will cover git, Docker, and an introduction to *nix systems.