

# CS2600 Homework 3

Be sure to read this document carefully. You are responsible to read and understand all of these instructions. If you have questions, be sure to ask, either in class, by email, or at office hours.

## Description

For this homework, you will be making a shell script (using whichever shell you prefer).

- The script will be named *cal* (followed by the appropriate suffix for the shell, *.sh*, *.csh*, *.ksh*, or *.bash*).
- The script takes two command line parameters. The first indicates a *month*, and should be a number between 1 and 12.
- *Alternatively, you could also accept a string value, such as 'Jan', 'Feb', and so on.*
- The second parameter indicates a *year*. Typically the value would be a 4-digit number.
- *Alternatively, if the number is a two-digit number (or 1 digit number), you could add 2000 to the number, so given 21, the script would consider this to be 2021.*
- The script will output a calendar for the month, as follows:

```
$ cal 5 2021
      May, 2021
Su Mo Tu We Th Fr Sa
                1
 2  3  4  5  6  7  8
 9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
```

Make sure that you have a comment line near the top of the script giving your name.

## Collaboration vs Cheating

Recall that Cal Poly's Academic Integrity policy states that all homework should be your own work. You should not turn in someone else's work with your name on it. Since this is **not** a group project, you **cannot** work on the assignment together, turning in joint work.

## Grading

This homework is worth 6 points (6% of your grade for the course). Your score will be computed as follows:

- **2 points:** Your script correctly compiles.
- **1 point:** Your script includes comments that explain the operation of your code.

- **1 point:** The spacing and indentation of your output matches the example shown above
- **2 points:** You have followed *all of the instructions* in the *Description* section.
- **$-\infty$  points:** Cheating.

## Turning In Homework

You will submit your homework to Blackboard. Your submission should just be one single text file, with the first part of the file being your script and the second being the output of 2 or 3 runs of the script.

## Due Date

The homework is due on **May 20**, by the end of the day.