

# CSV Evaluation Task

## Purpose

The purpose of this task is simply to get a feel of how you write code.

## Task

You've been provided with a CSV file, `input.csv`, containing the input for this task ([download it here](#)). The cells in the first row of the file - columns A through to K - each contain a single integer. The rest of the rows - 2 through to 7 - contain algebraic expressions where the letters refer to the row 1 cells in the corresponding columns.

Your task is to write a Node.js program that parses the input CSV file, evaluates the numeric value of each algebraic expression in rows 2 through to 7, and outputs this into an `output.csv` file. The output CSV file should have the same integers in row 1, and then, for the remaining rows, the value of each algebraic expression.

## Extra Information

- Assume that this code could be used to parse an untrusted input file
- Perhaps, in the future, the needs of users would change, requiring a TSV file as input
- Don't spend more than two hours on this task

## Submission Instructions

Please submit your code by uploading to a public GitHub or Bitbucket repository and sharing the link with the person who assigned you this task.

Please also include instructions for how to run your program in the repository.