CPS2001 – Assignment 2

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Task 1

Assumption: The input column c and row r satisfy the rules below:

- $c \geq 0$
- $r \geq 0$
- $c \leq r$

Task 2 – Part A

Assumption: The input n satisfies $n \geq 0$

Task 2 – Part B

Assumption: The input x satisfies $x \geq 0$

Task 4

Assumption: The input $money$ satisfies $money > 0$. This is due to the fact that for an input of $money = 0$, the algorithm gives an incorrect result of 1 as a change count unless the $list$ input happens to be an empty list, in which case the algorithm gives a correct result of 0.