

Lab 2: Exact Change

Cases

Case 1:

Negative Input

Case 2:

Positive input

Denominations:

(In decreasing order)

- Dollars : $\text{input}/100$
- Quarters : $\text{input}/25$
- Dimes : $\text{input}/10$
- Nickels: $\text{input}/5$
- Pennies : input

Update

- $\text{Change type} = \text{Input} / \text{Denomination}$
- $\text{Remaining Input} = \text{Input} - (\text{change type} * \text{denomination})$

Output

- If Change type = 1
- If Change type > 1