Output =

Dollar Coin / Quarter / Dime / Nickel / Penny

Input =

Dollar Bill / 5Dollar Bill

Dollar Coin / Quarter / Dime / Nickel / Penny

U/I input

1 – 15 in an array of (0,0)

Start

Read Input1

Read Input2

Input1 + Input2

Sum = %1

Read Input3

Do While %1 > 0

If Input3 = 0 Or Transaction Complete

If %1 > 1.00

DoUntil %1 < 1.00

Dispense Output1

%1 – 1.00

Read %1

Loop

ElseIf %1 < 1.00

Do Until %1 < .25

Dispense Output2

%1 - .25

Read %1

Loop

ElseIf %1 < .25

Do Until %1 < .10

Dispense Output3

%1 - .10

Read %1

Loop

ElseIf %1 < .05

Do Until %1 < .05

Dispense Output4

%1 - .05

Read %1

Loop

ElseIf %1 < = .04

Do Until %1 = 0

Dispense Output5

%1 - .01

Read %1

Loop

Else