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ID: 1131122791   Tutorial lab: TTO2

Analysis of log .csv

Denomination : Rm20 ,Rm10, Rm5, Rm1,50cent,20cent,10cent

Each denomination initially : 1 unit each

Transaction 1:

MMU Soda RM0.80 X 1 can = RM0.80

Paid RM1.00 x 1 =RM1.00

Dispense balance = RM0.20

Dispense denomination = 20 cent x 1

Denomination:

      RM 1 note = 2 units (increase by 1)

      20cent coin = 0 unit (decrease by 1)

      Others remain unchanged

Transaction 2:

MMU Soda RM0.80 X 2 CAN= RM1.60

Paid RM1.00 X 1 = RM2.00

Unable to dispense balance i.e. RM0.40

Because unable to dispense 20 cent (20 cent used ,another RM0.20 couldn't found)

Reset denomination to before transaction i.e. all denomination is 1 unit each

Transaction 2:

MMU LYCHEE RM1.40 X 1 can = RM1.40

Paid RM RM1.00 X 2 = RM 2.00

Dispense balance = RM0.60

Dispense denomination = 50cent x 1 + 10cent x 1

Denomination:

RM1 note = 4 units (increase by 2)

RM50Cent = 0 units (decrease by 1)

RM10Cent = 0 units (decrease by 1)

Others remains unchanged