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Course number: CPCS 202

Section number: XA

Assignment number: 1

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Pseudocode:

- Step 1: Print the welcome screen.
- Step 2: Ask the user to Input both Balance and Withdraw amount.
- Step 3: If Withdraw is more than 5000 then

    print "Sorry, amount exceeds maximum daily limit!", end.

  else

    Step 4
- Step 4: If Withdraw more than 2500

    rate = 3.05%

  else

    rate = 2.45%
- Step 5: Set service fee to = rate x Withdraw
- Step 6: Set new balance to = Balance - Withdraw - service fee
- Step 7: If (service fee + Withdraw) more than or equal Balance then

    print "Sorry, insufficient funds!", end.

  else

    Step 8
- Step 8: Calculate the number of 500s,100s, 50s, 10s,5s and 1s. And set it as the number of notes.
- Step 9: If notes more than 20 then

    print "Sorry, cannot dispense amount!", end.

  else

    Step 10
- Step 10: Display the new balance.
- Step 11: Display the details of notes dispensed.
- Step 12: Display total amount of the notes.