Name: Ali Habibullah Meraj Mohammed

Student ID: 1945958

Course number: CPCS 202

Section number: XA

Assignment number: 1

EMAIL: [ALLLIA1999@HOTMAIL.COM](mailto:ALLLIA1999@HOTMAIL.COM)

**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.