**Name: - Chetan Arora Student ID-100976240**

**Subject-Applied Problem Solving (APS-145)**

**Group-3 Member-6**

**Pseudocode(LOGIC-3)**

1. Start

2. Declare subTotal=0, TAX = 0.13, total, subTotalNonPerishable, subTotalPerishable,

payment\_method

3. **IF** product is non-pershable

**Then**

subTotal += subTotalNonPerishable

tax = subTotalPerishable \* TAX

total = subTotal + tax

Display subTotal, tax, total

**Else**

subTotal += subTotalPerishable

Display subTotal

4. Please Choose Payment Method

A) Cash

B) Credit Card

C) Debit Card

D) Voucher

E) Gift Card

5. Call subprocess (Payment)

6. IF Payment succeed?

a. Yes: Go to the next step.

b. No: Display error message and go to step 4.

7. Display "payment successful"

8. Print receipt

9. End

**: subprocess (Payment)**

1) Cash

1.1) Please Put Cash in Box

1.2) if cash >= payment

1.2.1) Yes: Go to # 1.3

1.2.2) No: Please Put More Cash

1.3) Please take your change back

1.4) Exit and go to step 6 of main process.

2) Credit Card

2.1) How you want to use the card?

2.1.1) Swipe

2.1.2) Insert

2.1.3) Tap: If payment< $200

2.2) if payment\_method == swipe & payment\_method == Insert

Enter Your Pin

2.3) Pin Details?

2.3.1) Pin Correct: Go to # 2.4

2.3.2) Incorrect Pin: Please Re-enter your Pin.

2.4) Exit and go to step 6 of main process.

3) Debit Card

3.1) How you want to use the card?

3.1.1) Swipe

3.1.2) Insert

3.1.3) Tap: If payment< $200

3.2) if payment\_method == swipe & payment\_method == Insert

Enter Your Pin

3.3) Pin Details?

3.3.1) Pin Correct: Go to # 3.4

3.3.2) Incorrect Pin: Please Re-enter your Pin

3.4) Exit and go to step 6 of main process.

4) Voucher

4.1) Scratch the Voucher Card (Obtain the Code)

4.2) Click on Checkout with Voucher

4.3) Enter the Voucher Code

4.3.1) Correct Code: Go to #4.4

4.3.2) Incorrect Code: Please Re-Enter your code

4.4) Exit and go to step 6 of main process.

5) Gift Card

5.1) Scan the Gift Card

5.2) Bucks Will be loaded into your personal account

5.3) Make the Payment

5.4) Exit and go to step 6 of main process.