PF Lab 2
Assignment

Q.i. Pseudocode

```
START
INPUT Customer Order
INPUT Speial Requests
SET TotalCost to 0

IF Speial Request = TRUE THEN
ADD Speial Requests to Customer Order
END IF

CALCULATE TotalCost
END
```

Algorithm

1) START
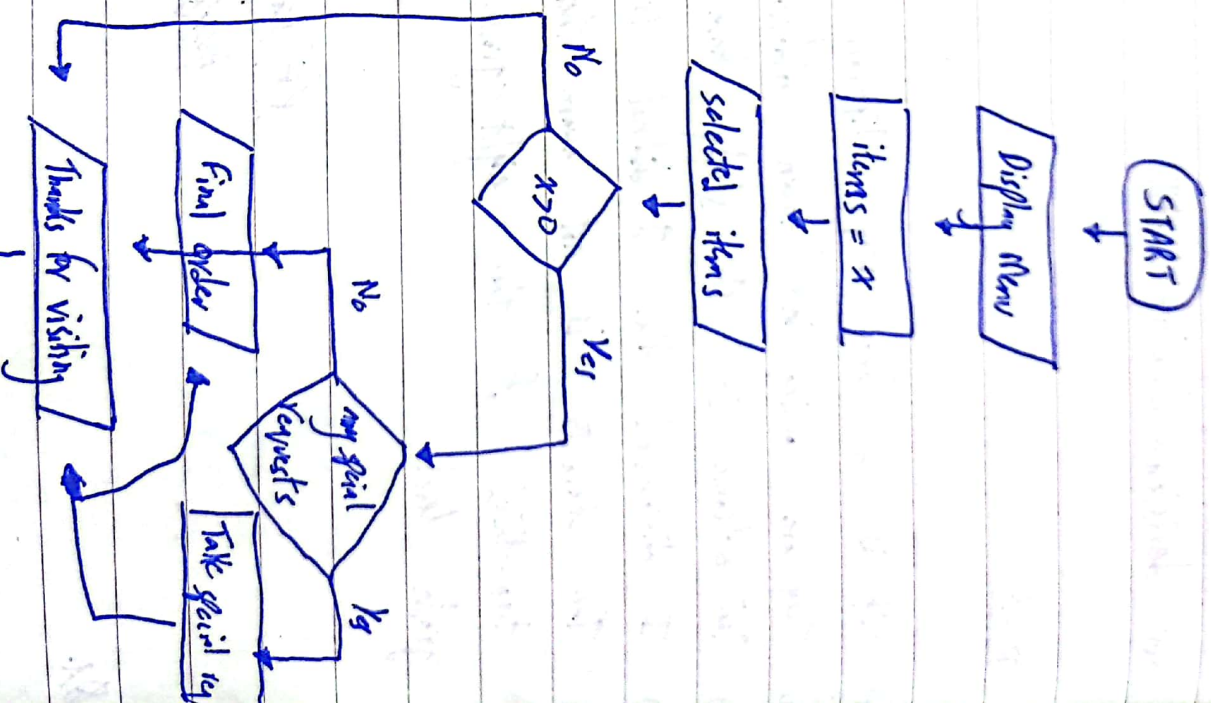2) Display Menu
3) Ask customer to select items
4) Ask for Special Requirements
5) Take Special Requirements
6) Give the final order
7) Thanks them for visiting
8) END

1.2. Pseudocode

INPUT   Account Number
INPUT   Deposit Amount
    IF   Account Number valid THEN
    Then check IF Deposit Amount > 0
IF yes THEN
    Update: Account . Balance
    READ " Deposit Successful"
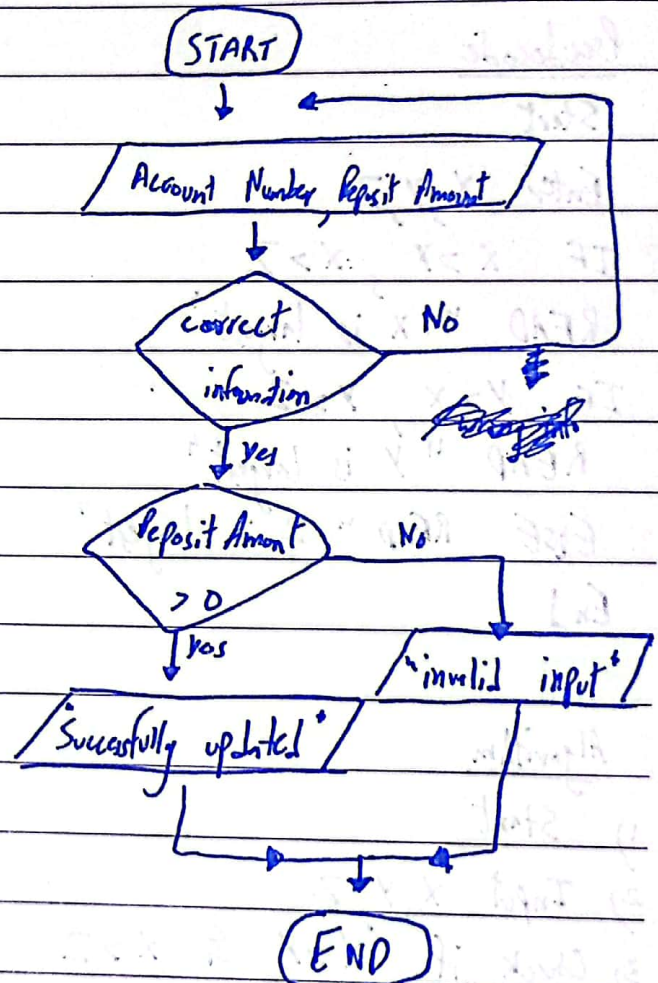If not
    READ " Invalid input"
END IF

Algorithm

1) START
3) Enter Account Number
3) Enter Deposit Amount
4) Check if Account Number valid?
5) Show Error if not
6) Ask if Deposit Amount > 0
7) If yes then update Account Balance
6) Show " Successfully updated"
1) END

START

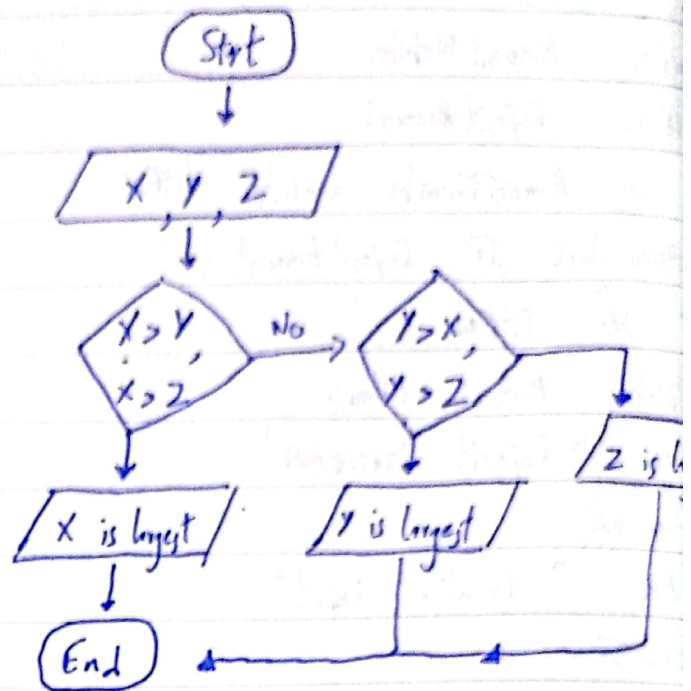Account Number, Deposit Amount

correct information — No

Deposit Amount > 0 — No

yes — "Successfully updated"

"invalid input"

END

8.3.

Pseudocode

```
Start
Enter X, Y, Z
IF X > Y, X > Z
    READ " X is largest "
IF Y > X, Y > Z
    READ " Y is largest "
ELSE READ " Z is largest "
End
```


Algorithm

1) Start
2) Input X, Y, Z
3) Check if X > Y & X > Z
4) If Yes then display " X is largest "
5) If not then check if Y > X & Y > Z
6) If yes then display " Y is largest "
7) Else display " Z is largest "
8) End

8.4. **Algorithm**

1) Start
2) Enter Number 1 - 12
3) Read Number
4) Find month according to Number
5) For 1 - January, 2 - February ...... 12 - December
6) Read Month
7) End.

Q.5.

INPUT " Please enter 1st Number " Num 1

INPUT " Please enter 2nd Number " Num 2

INPUT " Enter + or - " Operator

WHEN " + " :

   Answer = Num 1 + Num 2

   OUTPUT " The Ans is " Answer

WHEN " - " :

   Answer = Num 1 - Num 2

   OUTPUT " The Ans is " Answer

OTHERWISE :

   OUTPUT " Invalid Operator .

Start

An.

d.7.   Start

1) Read Number 1

2) Read Number 2

3) Read operator

4) If the operator input is " + ", perform addition between Number 1 and Number 2 & and store result in " Answer ".

5) Print Answer

6) If the operator input is " - ", perform subtraction between Number 1 and Number 2 and store result in Answer

7) Print Answer

8) If the operator inut is " * ", perform multiplication between Number 1 and Number 2 and store result in Answer

9) Print Answer

10) If the operator is " / ", perform division between Number 1 and Number 2 and store result in Answer

11) Print Answer

12) If the operator is " % ", find MoD between Number 1 and Number 2 and store result in Answer

13) Stop Print Answer

14) Stop

Q.6.


```
Start
  ↓
Chasis Engine transmission fuel tank
  ↓
is Chasis assembled?  — No →
  ↓ Yes
is Engine assembled?  — No →
  ↓ Yes
is transmission assembled?  — No →
  ↓ Yes
is fuel tank assembled?  — No →
  ↓ Yes
final Cay
  ↓
End
```