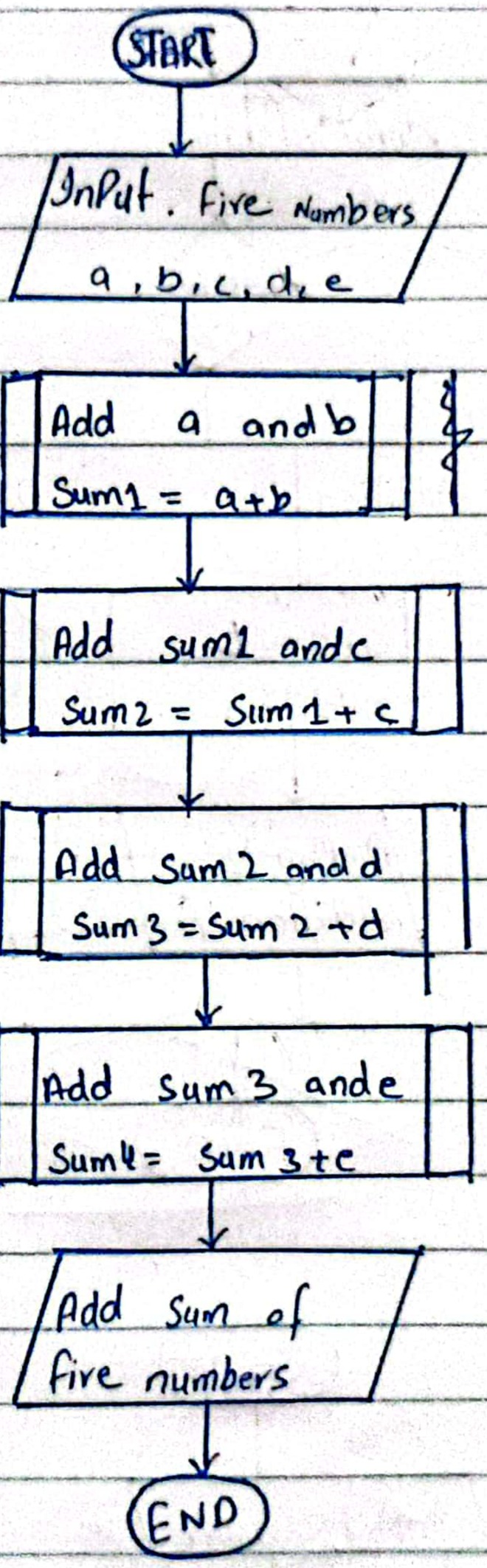
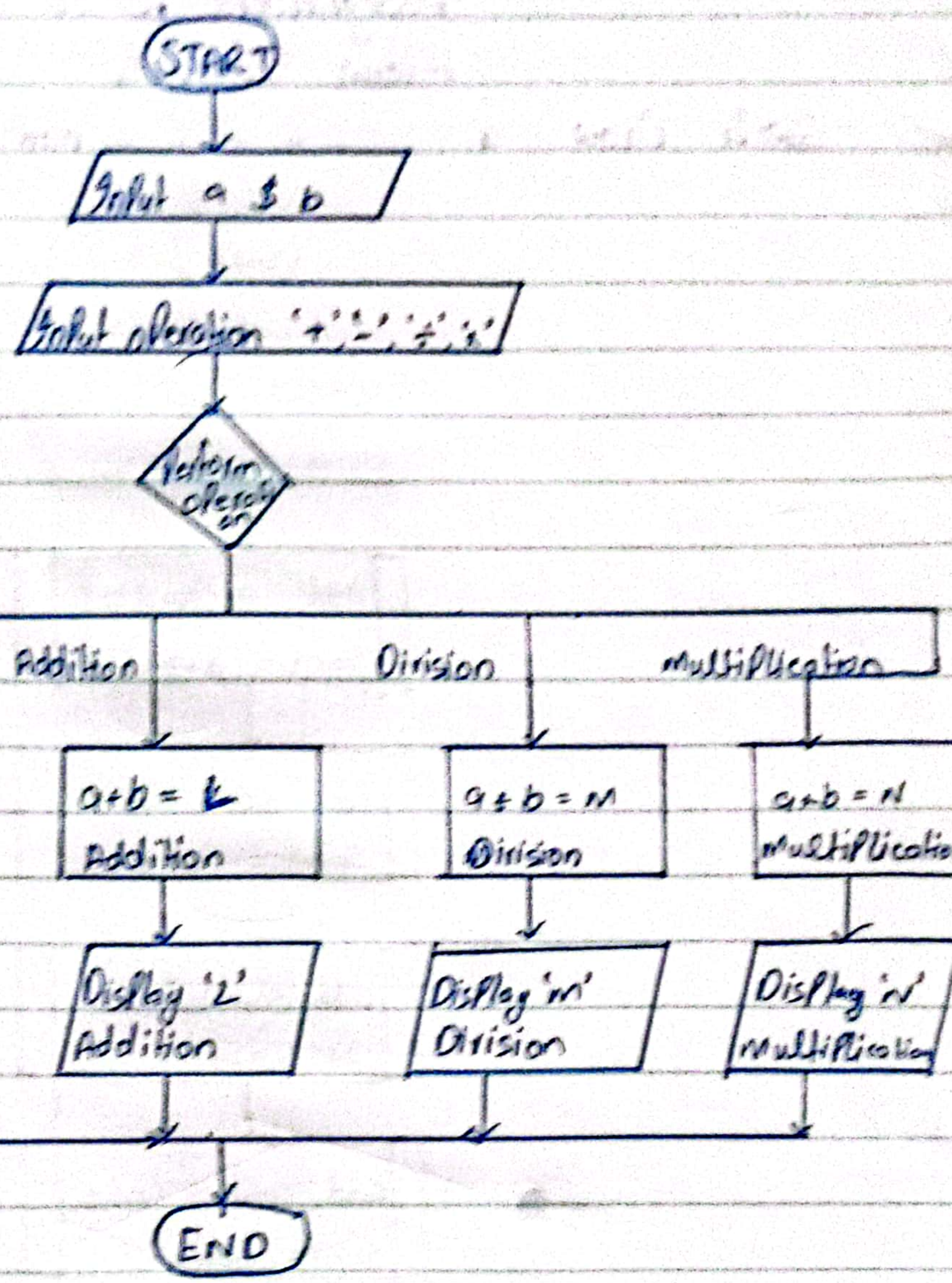
Date

Assignment no 02
Flow Charts

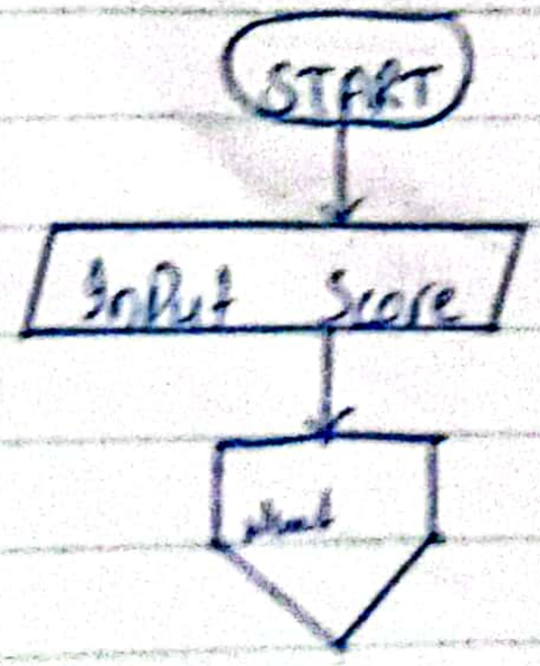
Qno 1: Draw a - - - - - numbers.

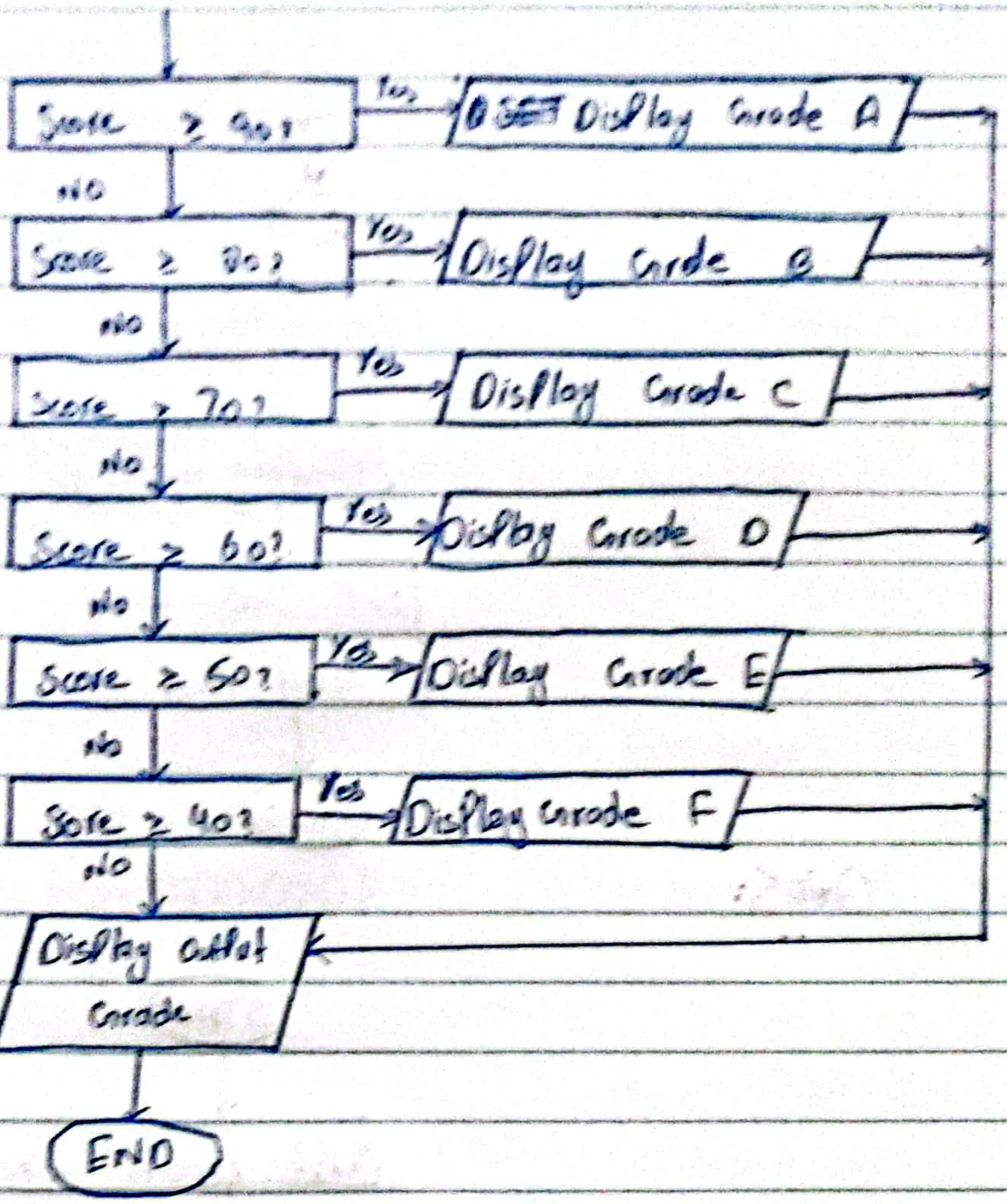


Q no 2:

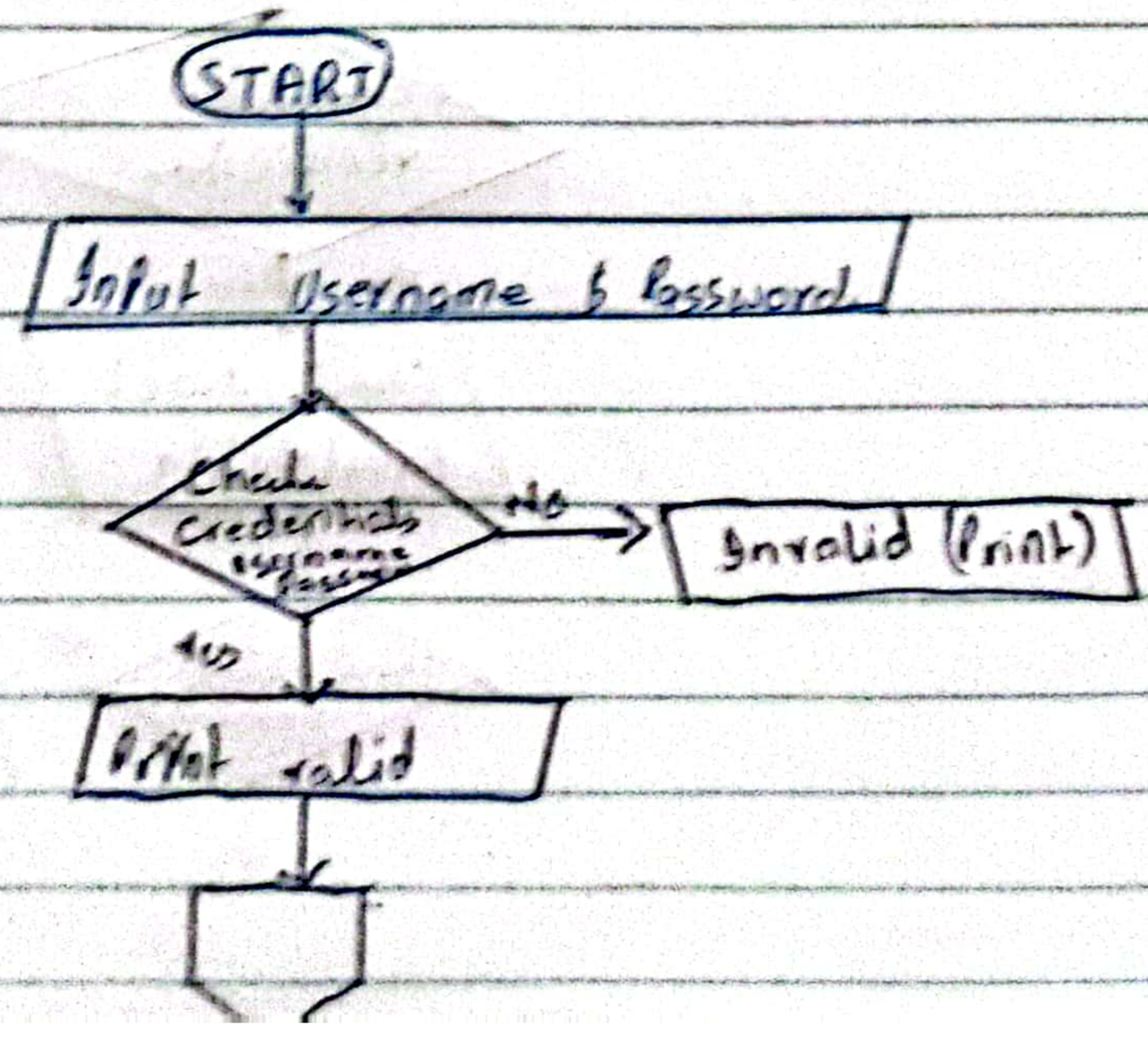

START
Input a & b
Input operation '+', '-', '*', '/'
Select operation
Subtraction
Addition
Division
Multiplication
a-b = x
Subtraction
a+b = k
Addition
a÷b = m
Division
a*b = n
Multiplication
Display 'x'
Subtraction
Display 'k'
Addition
Display 'm'
Division
Display 'n'
Multiplication
END

Q no 3:

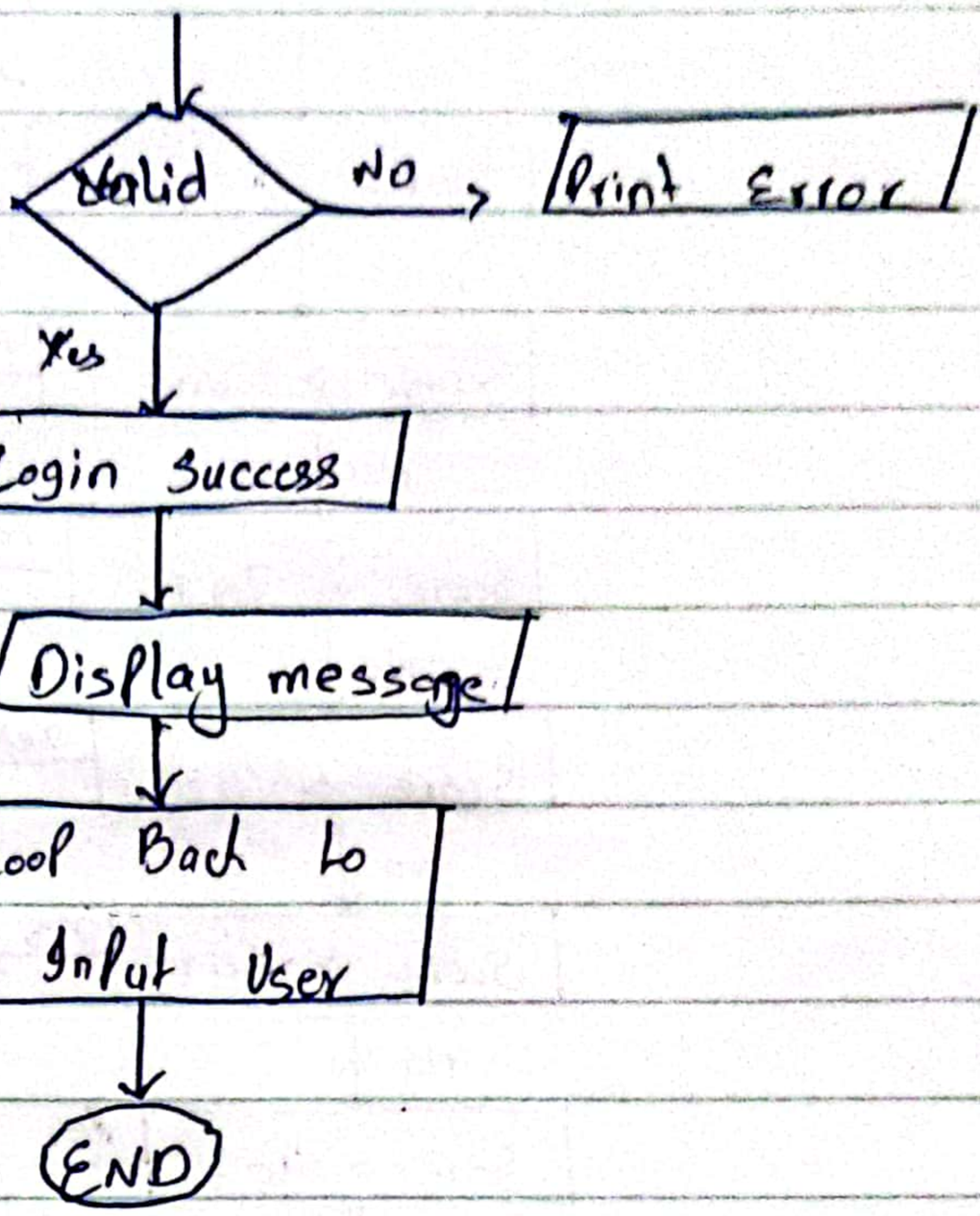

START
Input Score


Score ≥ 90?
Yes
Display Grade A
no
Score ≥ 80?
Yes
Display Grade B
no
Score ≥ 70?
Yes
Display Grade C
no
Score ≥ 60?
Yes
Display Grade D
no
Score ≥ 50?
Yes
Display Grade E
no
Score ≥ 40?
Yes
Display Grade F
no
Display admit Grade
END

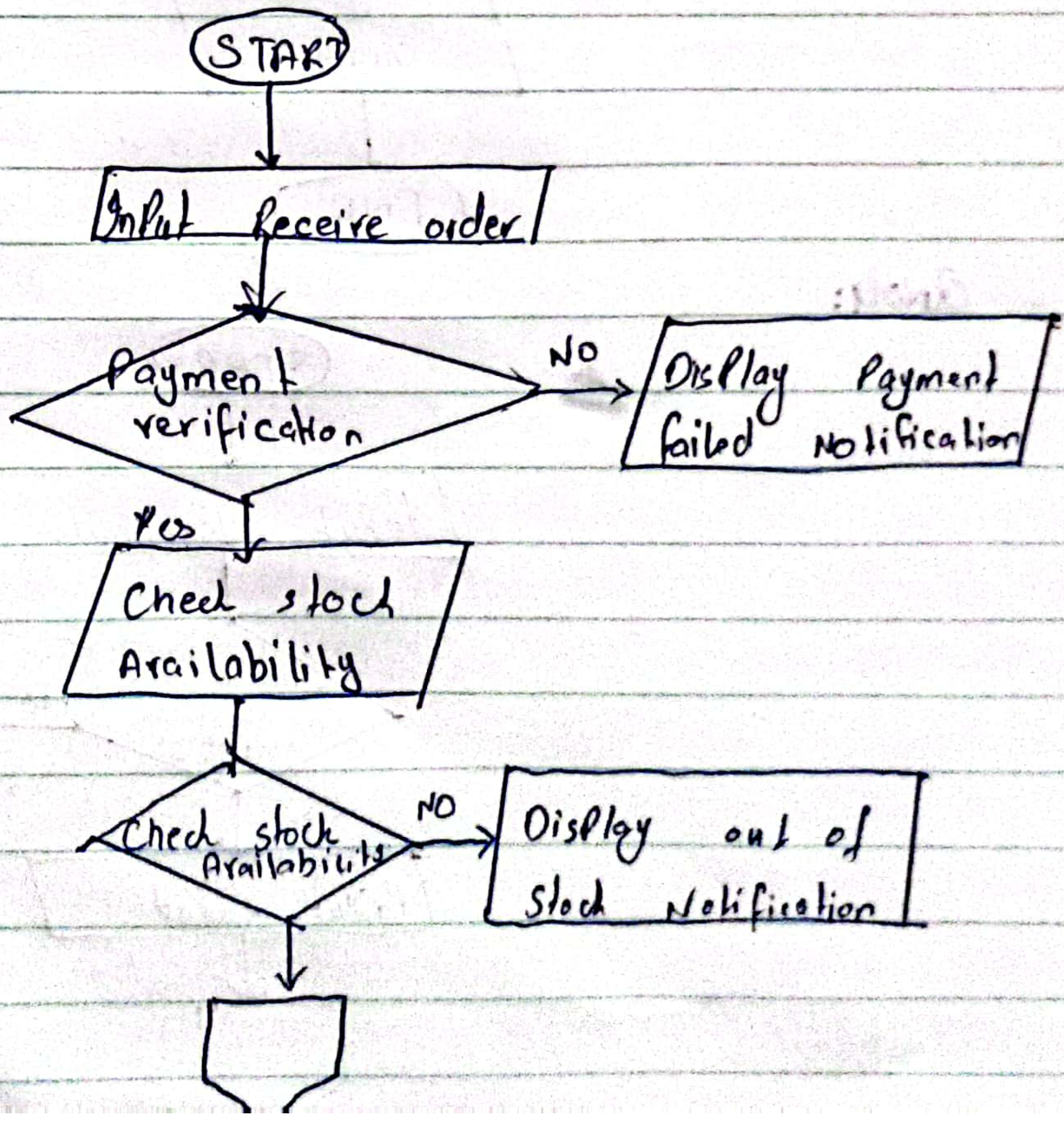
Ans 4:

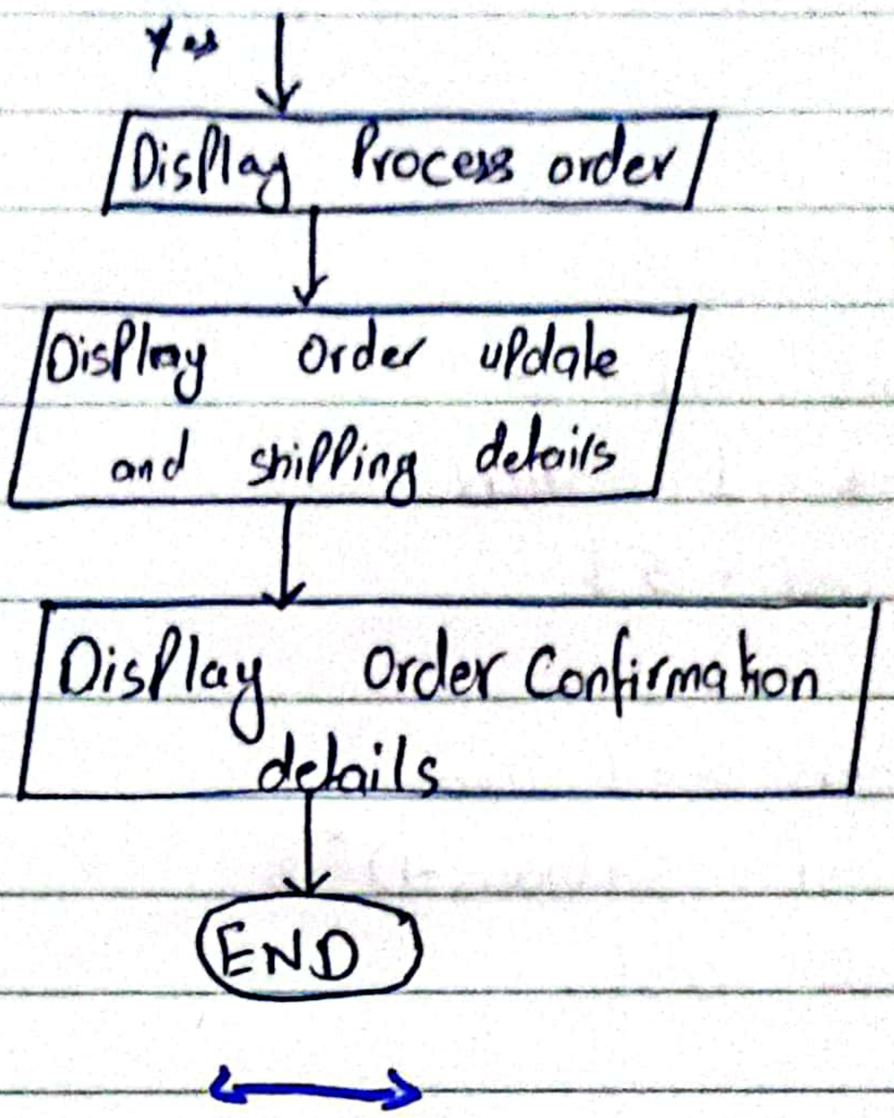

START
Input Username & Password
Check Credentials username password
no
Invalid (Print)
yes
Print valid

Date:


Valid
No
Print Error
Yes
Login Success
Display message
Loop Back to
Input User
END

QNO5:


START
Input Receive order
Payment
verification
NO
Display Payment
failed Notification
Yes
Check stock
Availability
Check stock
Availability
NO
Display out of
stock Notification



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Q.01.

1) START
2) SET variable a, b, c
3) If a >= b And a >= c THEN
4) Print man = a
5) ELSE
6) If b >= a And b >= c THEN
7) Print man = b
8) ELSE
9) Print man = c
10) END

Date:

Q no 2:

1) START
2) INPUT Hours - Parked
3) IF hours =* = 1 THEN
   Total cost = 5 $
4) ELSE
   IF hours >= 1 Then
   total cost = 5 + (hours - 1) * 3
5) Print Total cost.
6) END.

Q no 3:

1) START
2) SET Total - Cost = 0
3) REPEAT
4) INPUT "Item cost"
5) SET Total cost = Total cost + item cost
6) UNTILL all Inputs are taken
7) IF Total cost > 100 $ THEN
8) SET discount = Total cost * 0.1 (10 * discount)
9) PRINT discount applied = true
10) ELSE
    Print NO
11) PRINT New cost.
12) END

Q No 4.

1) START
2) INPUT Number n1
3) IF number Divisble (MOD) == 2. THEN
   SEE PRINT Even or odd = Even
4) ELSE
5) PRINT ODD
6) PRINT Even or ODD
7) END.

⟷ Algorithms.

Q No 1:

1) Ask the user to ~~attend~~ enter no of days they attended.
2) Ask the user to claculate attendance Percentage.
3) Attending Percentage = (Classes / Total Classes) * 100
4) Ask user to check if % < 75 THEN
   Warning = True
   ELSE
   Warning = FALSE
5) If True display a warning Letter for the user.
6) ELSE Display appreciation Letter for the user.

CamScanner

Date

Qno2:

1) Ask user to enter no of hours worked.
2) Ask user to enter Pay rate Per hour.
3) Set gross-Pay to (no of hours worked * Pay rate).
4) Display gross Pay to user.

Qno3:

1) Ask user to enter n_1 and n_2
2) Ask user to enter operation [out of addition, multiplication, subtraction, dirision] and remaindor)
3) IF operation is addition, THEN
   SET result = $n_1 + n_2$
4) IF operation is subtraction THEN
   SET result = $n_1 - n_2$
5) IF operation is multiplication THEN
   SET result = $n_1 * n_2$
6) IF operation is dirision THEN
   SET result = n_1 / n_2
7) IF operation is remaindor THEN
   SET result = $n_1 \% n_2$
8) ELSE Ask the user to enter operation again.
9) DISPLAY result to the user.

CamScanner

Q#10:

1) Ask user to enter total bill without TIP
2) Total bill = subtotall.
3) ASK user to check if customer wants to add tip.
4) IF add tip THEN
   tip = subtotal * 0.15 (15% of subtotal)
5) Total bill = total bill + TIP.
6) Display total bill.

Q#05

1) Ask user to enter scoring marks.
2) Ask user to check marks.
3) If mark < 0 or marks > 100 THEN
   PRINT Invalid marks.
4) If marks >=80 THEN
   Display Grade = A
5) If marks >= 50 and marks <= 80 THEN
   Display Grade = B
6) ELSE
   Grade = C
7) PRINT Grade.