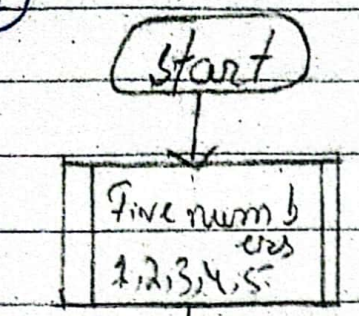
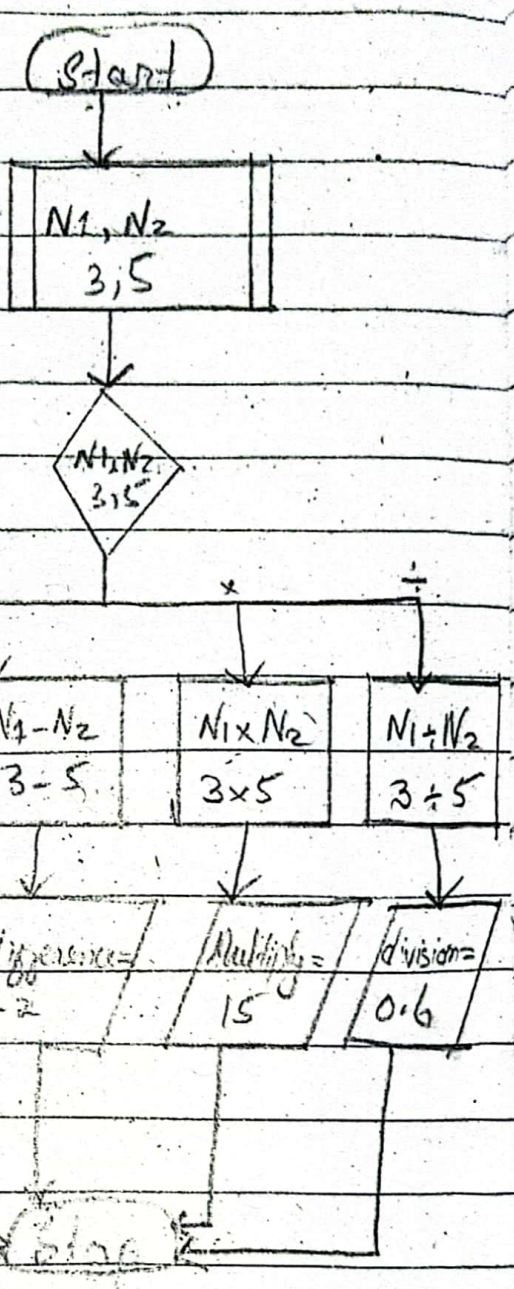
Flow charts

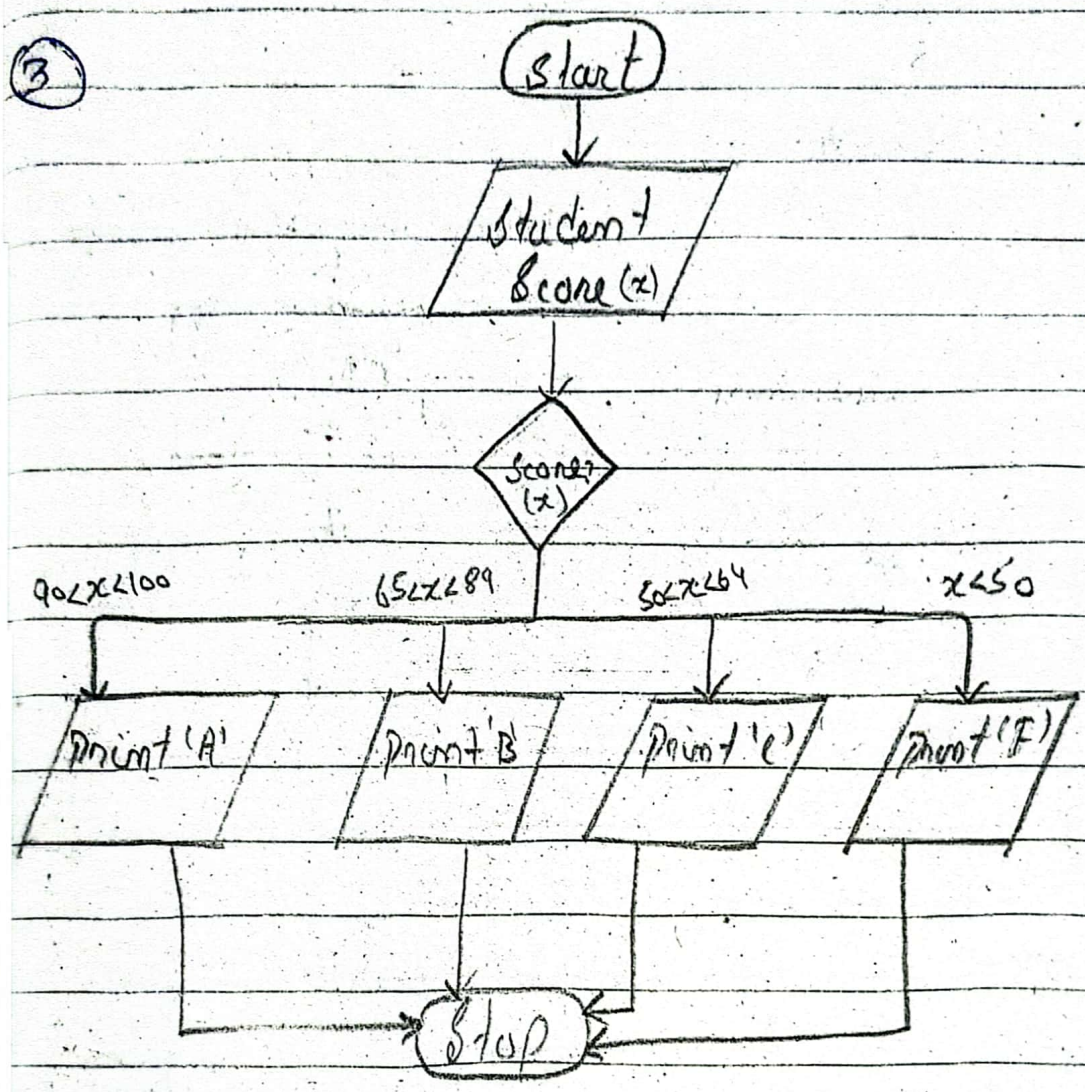
1



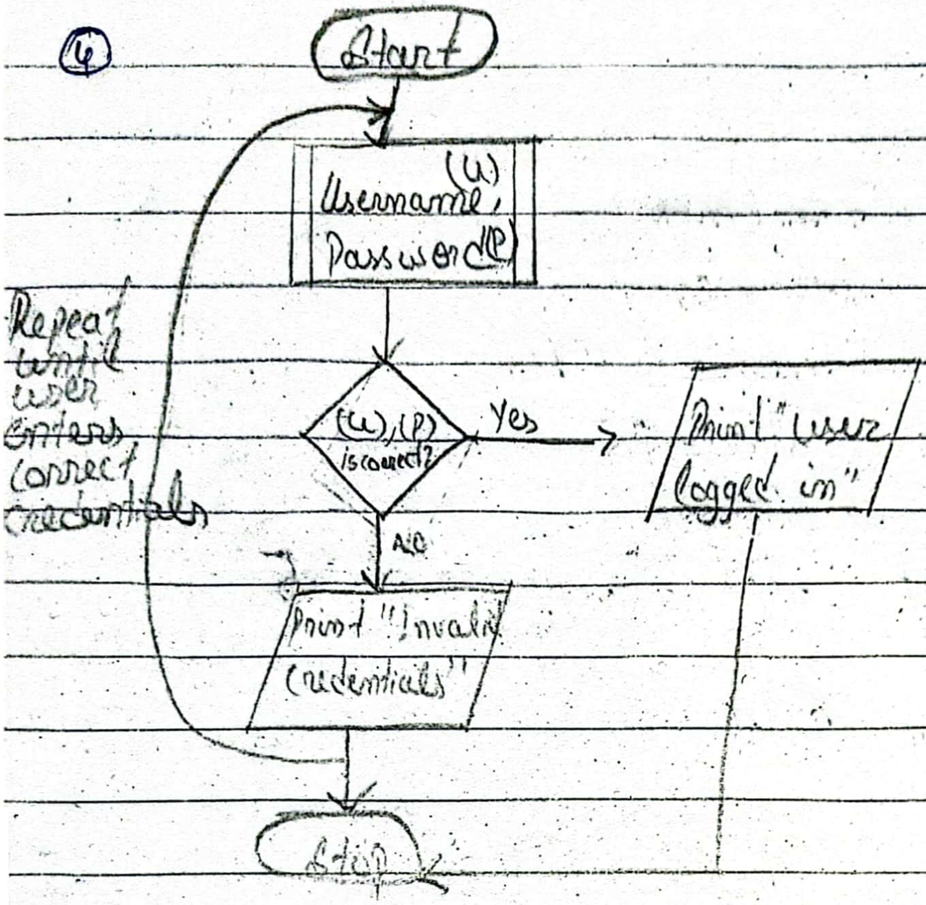
2



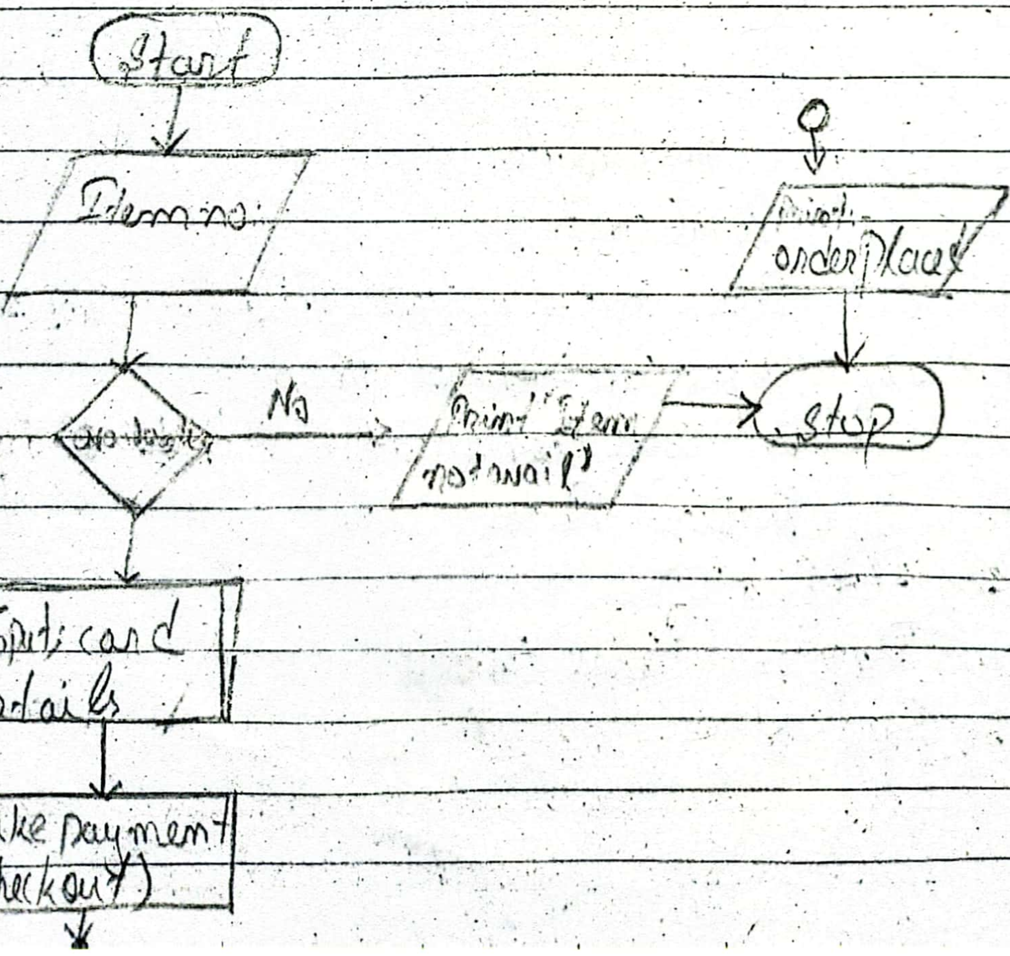
(3)


start
Student Score (x)
Score? (x)
90<x<100
65<x<89
50<x<64
x<50
Print 'A'
Print 'B
Print 'C'
Print 'F'
Stop

4


Start
(u) Username, Password (P)
Repeat until user enters correct credentials
(u),(P) is correct?
Yes
Print "user logged in"
No
Print "Invalid credentials"
Stop

5


Start
Item no.
No
Print "Item not avail"
Stop
Print order placed
Input card details
Make payment (checkout)

(1)

1. Start
2. Input n1, n2, n3
3. Set greatest = 0
4. If n1 > n2 > n3 Then
   Set greatest = n1
5. Else If n2 > n1 > n3
   Set greatest = n2
6. Else If n3 > n2 > n1
   Set greatest = n3
7. Display "greatest no is greatest"
8. End.

(2)

1. Start
2. Input no of hours
3. Set Total = 0
4. If no of hours = 1 Then
   Set Total = $5
5. ElseIf no of hours > 1
   Set Total = (no of hours x 3) + 5
6. End If
7. Display Total
8. End

(3)

1. Start
2. Input price of items
3. Set Total cost = 0
4. Set Total Cost = price1 + price2 .... priceN
5. If Total Cost >= $100 Then
   Set Total Cost = Total cost x (100 - discount percentage)
   ~~Display Total~~
6. ~~Else~~ End If
7. Display Total Cost
8. End.

(4)

1. Start
2. Input number(n1)
3. If n1%2=0 Then
   Print "The number is even"
4. Else
   Print "The number odd"
5. End

Algorithm

(1)

~~1. Ask student to~~

~~1. Ask teacher to enter attendance~~

~~2. If attendance is less than 75%~~

~~3. Display warning the the student~~

(1)

1. Ask user to input attended days
2. Ask user to input Total days
3. Calculate attendance % = $\frac{\text{attended days}}{\text{Total days}} \times 100$
4. If attendance % is less than 75% display Warning to the user.

(2)

1. Ask user to enter hours worked
2. Ask user to enter payrate
3. Calculate grosspay = hours worked x payrate
4. Display grosspay to the user.

(3)

1. Ask user to input n1 & n2
2. Ask user to enter mode of operation
3. If mode is addition then
   answer is n1+n2
4. If mode is Subtraction then
   answer is n1-n2
5. If mode is Multiplication then
   answer is n1 x n2
6. If mode is division then
   answer is n1 ÷ n2, If n2 is zero then answer is not defined
7. If mode is Percentage then
   answer is $\frac{n1}{n2} \times 100$
8. display answer.

(4)

1. Ask user to enter no of items
2. Ask user to enter ~~no~~ price of items
3. Calculate ~~total bill~~ Mealprice = no of items x price of items
4. If customer pay tip then
   total bill = Mealprice + ($\frac{15}{100}$ x Mealprice)
5. Else total bill = Mealprice
6. Display total bill.

(5) ~~dsk~~

1. dsk user to input student scores
2. If score is greater than 90 display A
3. If score is greater than 75 less than 90 display B
4. If score is greater than 50 and less than 75 display C.