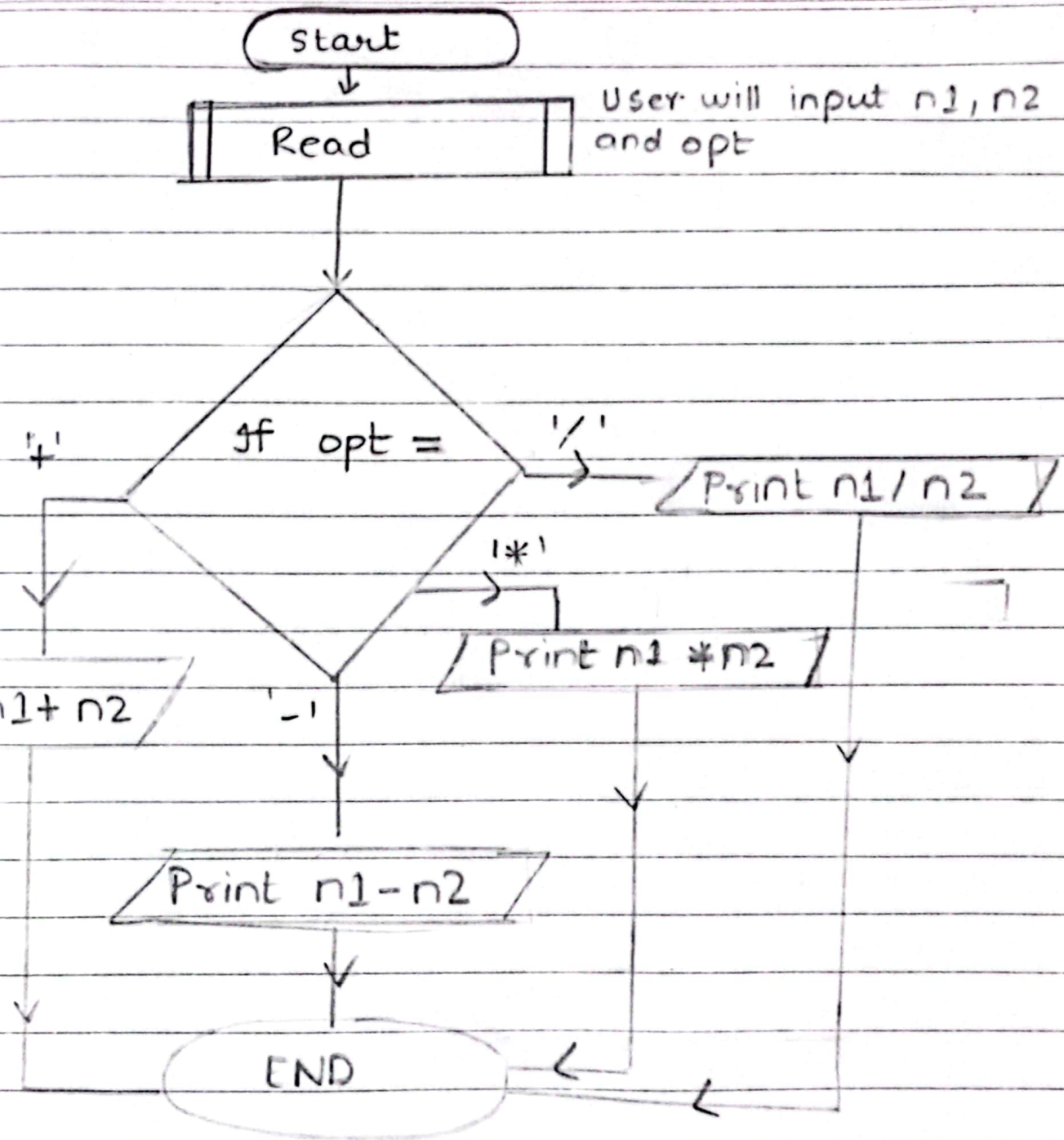
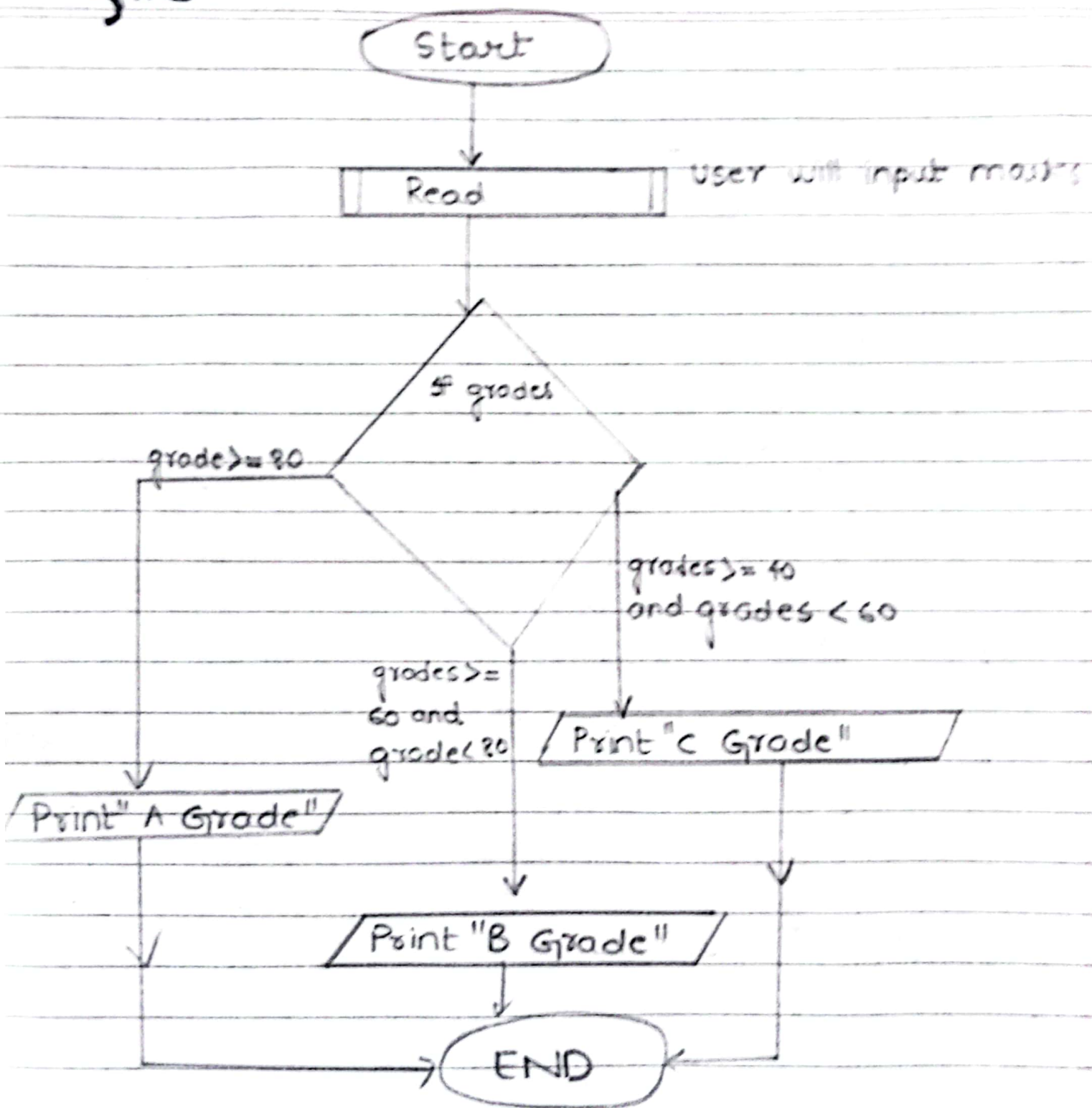


FLOWCHARTS

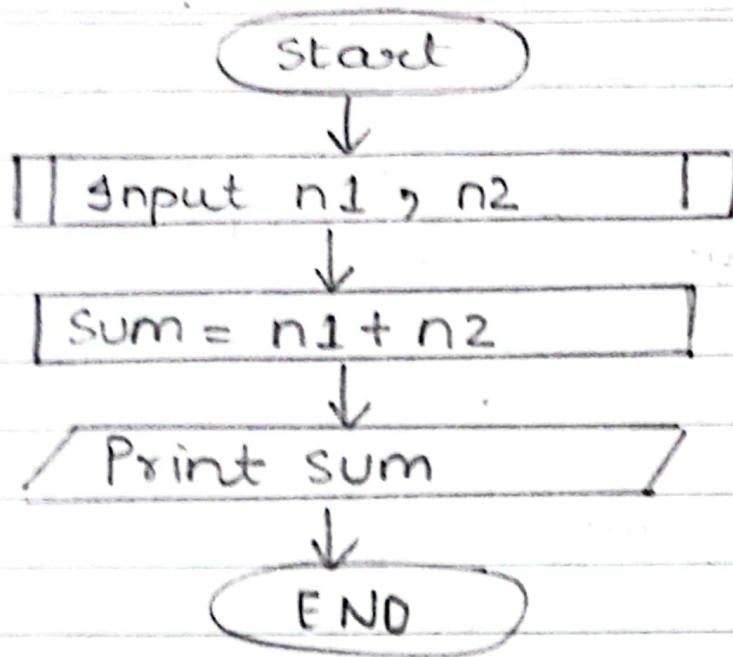
Q#2 :-



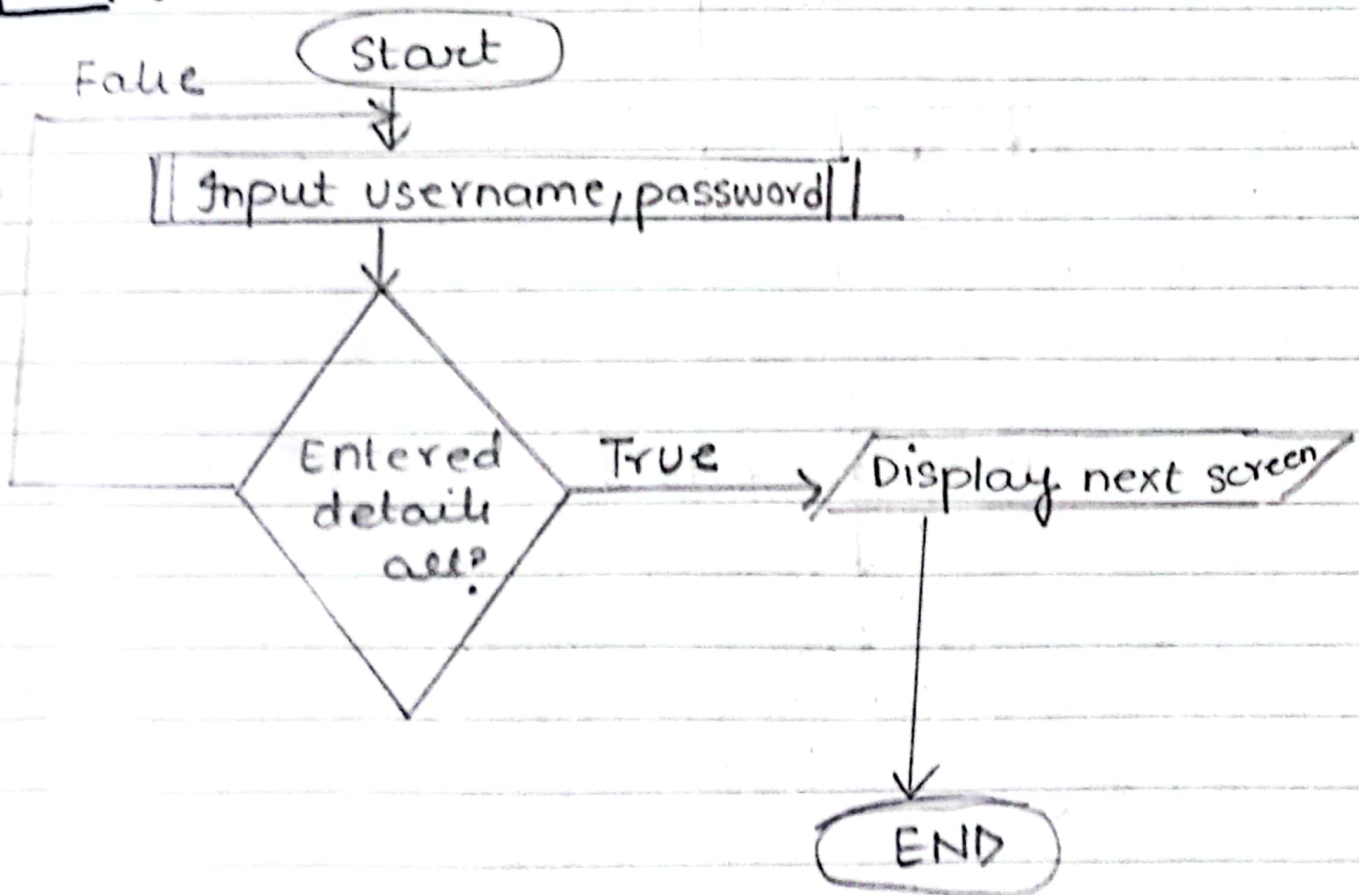
Q#3



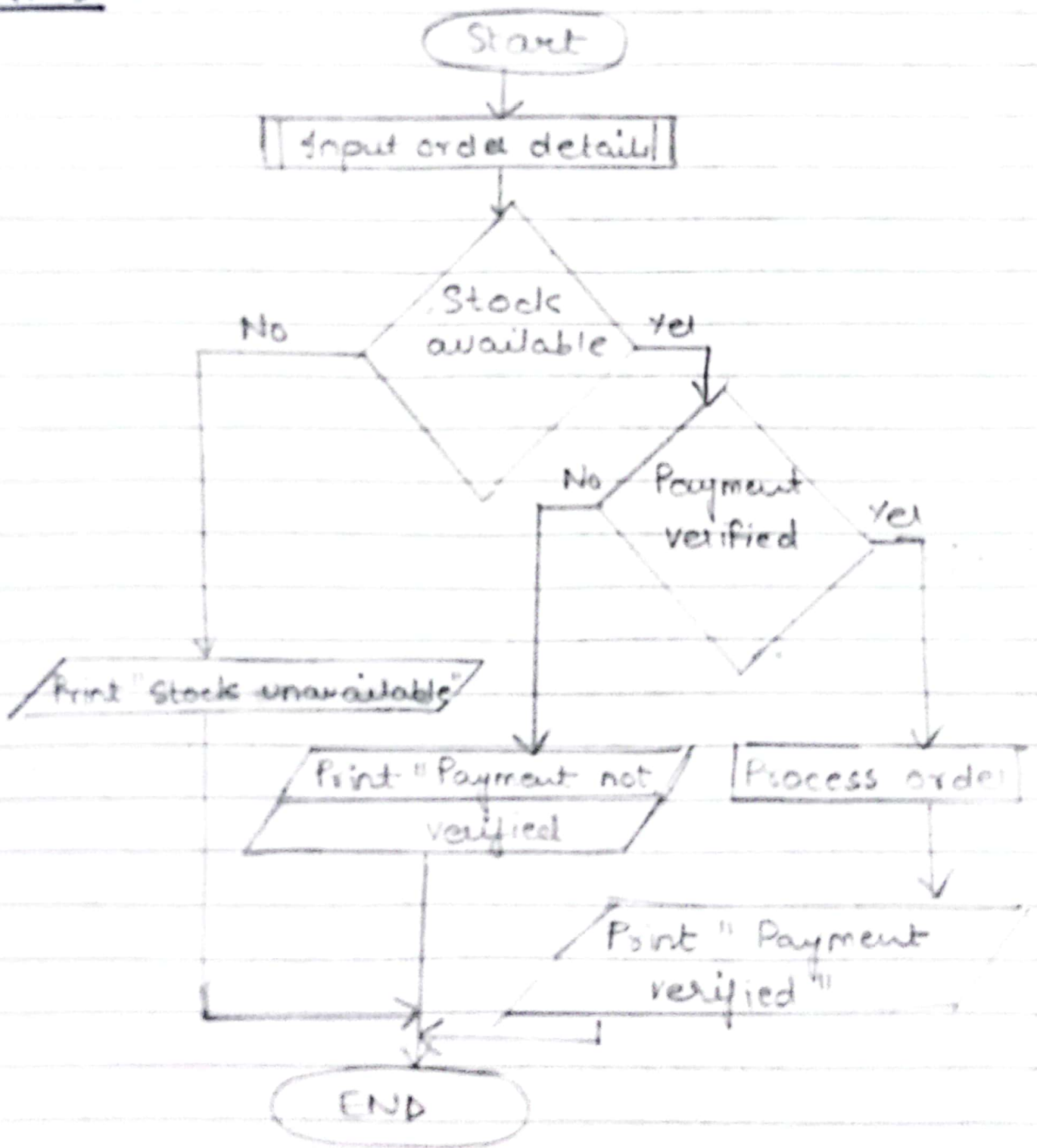
Q# 1:-



Q# 4:-



Q#5:-



PSEUDOCODES

Q# 1:-

1. START
2. INPUT number1, number2, number3.
3. IF number1 > number2 and number1 > number3
THEN
 DISPLAY 'number1 is the greatest'
ELSE IF number2 > number3 and number2 > number1
THEN
 DISPLAY 'number2 is the greatest'
ELSE
 DISPLAY 'number3 is the greatest'
4. END

Q# 2:-

1. START
2. SET no_of_hrs, total_fec = 0
3. INPUT no_of_hrs.
4. SET total_fec = (no_of_hrs * 3) + 2
5. DISPLAY total_fec.
6. END

Q#3:-

1. START
2. REPEAT UNTIL all items are inputted
 INPUT item-price
 total-price + = item-price
3. IF total-price > 100 THEN
 total-price = total-price * (40/100)
 & DISPLAY total-price
ELSE
 DISPLAY total-price
4. END

Q#4:-

1. START
2. INPUT num
3. IF num % 2 == 0 THEN
 DISPLAY 'number is even'
ELSE
 DISPLAY 'Number is odd'
4. END

ALGORITHMS

Q#1:-

1. Ask user to enter number_of_days_attended
2. Ask user for the total_days
3. Set $\text{percentage} = (\text{number_of_days_attended} / \text{total_days}) \times 100$
4. IF percentage is greater than 75 then
 Display 'Warning' for the user
 Else
 Display 'You are safe'

Q#2:-

1. Ask user for ~~tot~~ hrs_worked
2. Ask user for hrly_salary
3. Set $\text{grosspay} = \text{hrs_worked} \times \text{hrly_salary}$
4. Display grosspay.

Q#3:-

1. Ask user to enter num1
2. Ask user to enter num2
3. Ask user to enter operator.
4. If operator is '+' then
 Set $\text{ans} = \text{num1} + \text{num2}$
 Display ans
 Else If operator is '-' then
 Set $\text{ans} = \text{num1} - \text{num2}$
 Display ans

Else If operator is '*'

ans = num1 * num2

Else if operator is '/'

&

Display ans

Else if operator is '%'

ans = num1 / num2

Display ans.

Else if operator is '%'

ans = num1 % num2

Display ans.

Q # 4 :-

1. Repeat until all items are entered

Ask user to enter item-price

Set bill = bill + item-price

2. Ask user if he wants to add tip

3. If yes then

Set tip = bill × (15 / 100)

bill = bill + tip

Display bill

Else

Display bill

Q # 5:-

1. Ask user to enter total_marks
2. Ask user to enter marks_obtained
3. Set $Grade = (total_marks / marks_obtained) \times 100$
4. If Grade is greater than 90 then
Display 'A Grade'
Else If Grade is greater than 70 and less than 90
Display 'B Grade'
Else If Grade is greater than 50 ~~70~~ and less than 70
Display 'C Grade'
Else
Display 'Fail'