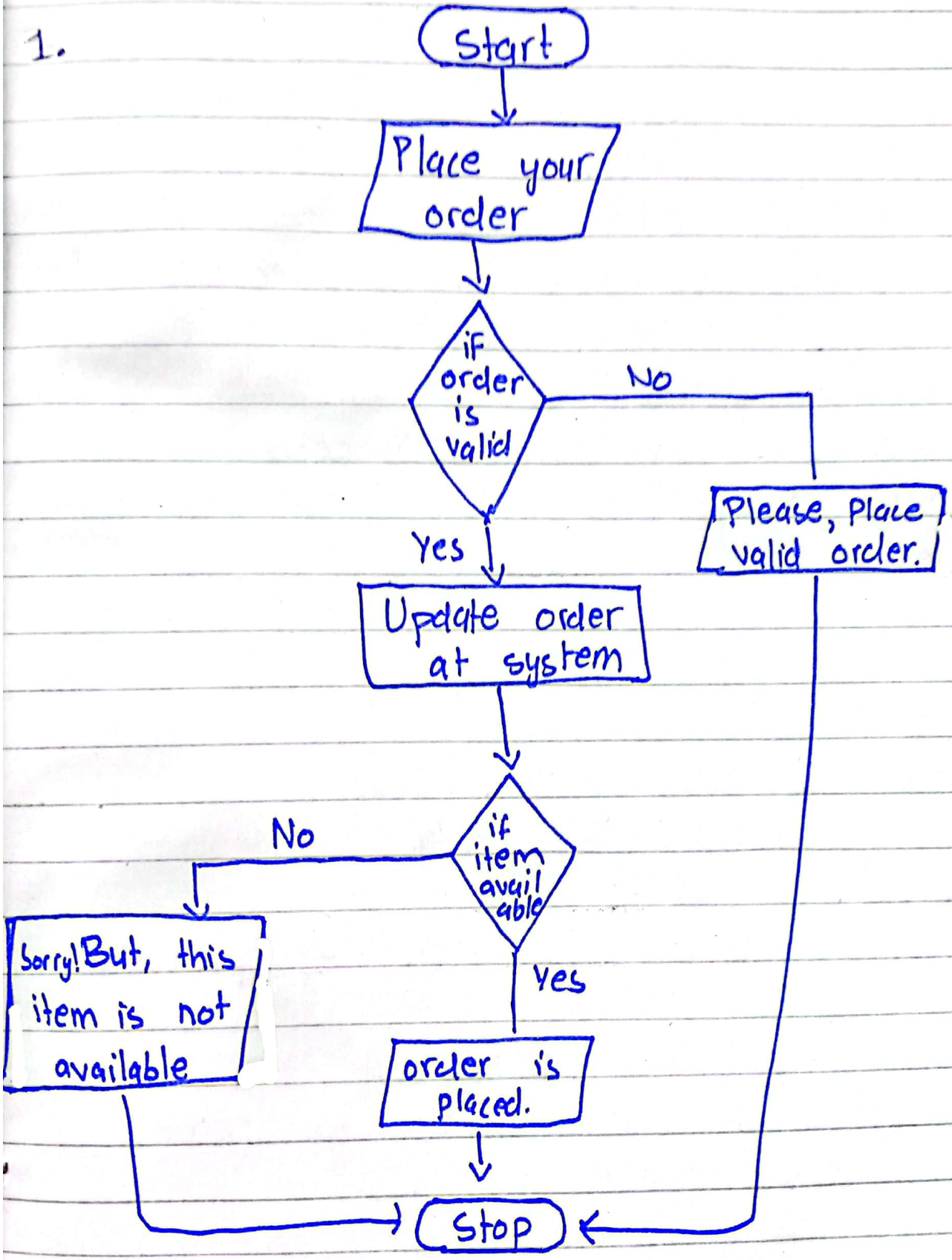
1.



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Pseudo code:-

1. Start
2. Input " Place Order."
3. If order is valid then proceed to next step, else print " Please Enter valid number."
4. Update order into system.
5. Check of availability of item.
6. If item is available, proceed.
   or else, print " Item is currently unavailable."
7. Serve order.
8. End

Algorithm:-

1. Ask user to enter the "Order."
2. Check if order is valid.
3. Check for add-ons
4. If user adds then add & proceed to next step.
5. Input "order" into system.
6. Check if the item is in stock.
   Y - Proceed to next step.
   N - Tell user that item isn't available.
7. Serve Order.
8. End.

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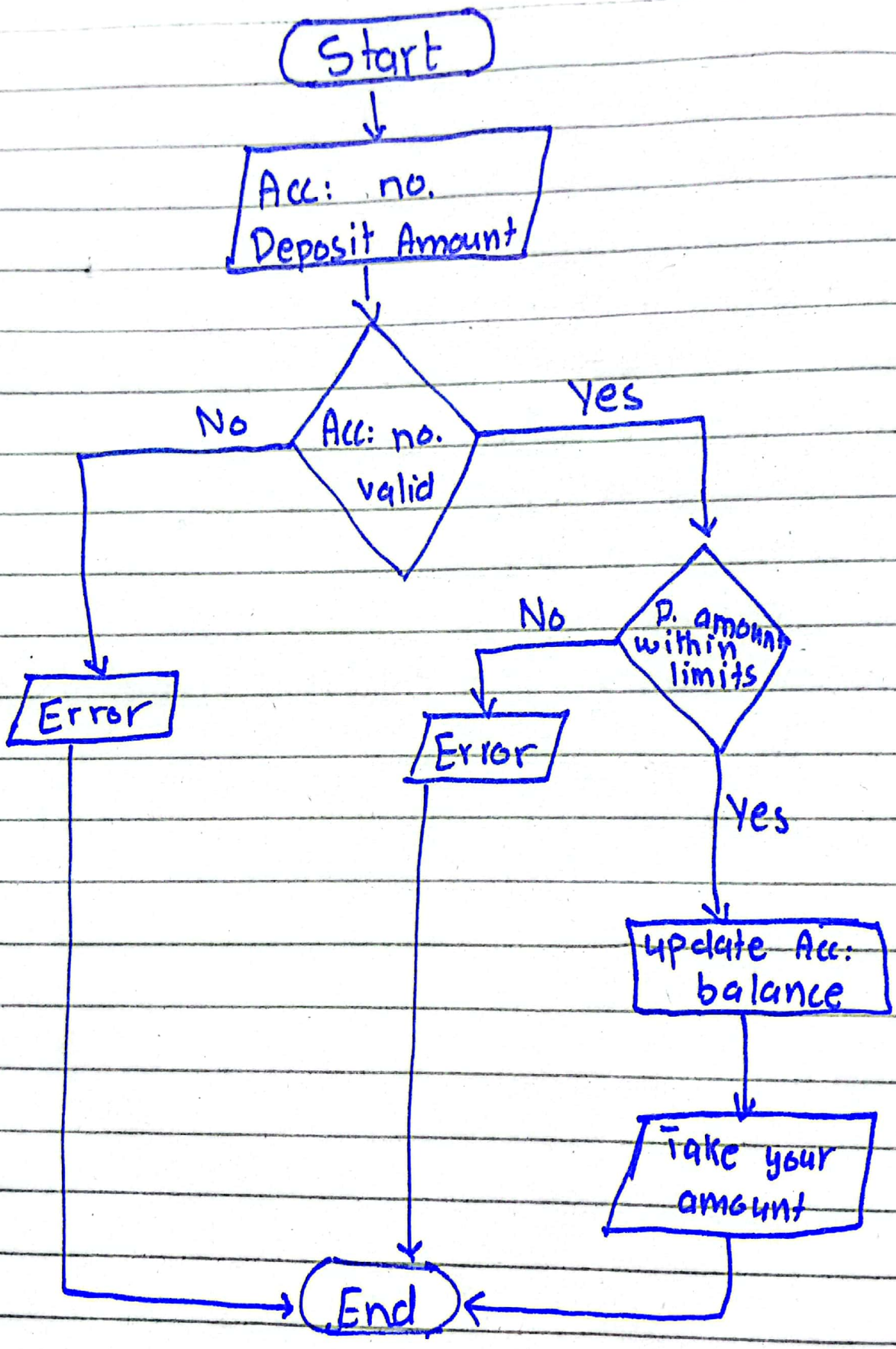
2.



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Algorithm

1. Start
2. Input Account Number and Deposit amount.
3. If Account Number is valid
   Y → Go to next step.
   N → Display "error".
4. If Deposit amount is within limits
   Y → Go to next step.
   N → Display error.
5. Provide transaction slip
6. Update account balance (Account Remaining balance = Previous balance - Deposit amount.)
7. End.

Pseudocode

1. Start
2. Input Account number and
3. Check for Account number,
   if valid, proceed.
   or else, display error.
4. Check Deposit amount is in limits
   if yes, proceed & update account balance.
   or else, display error.
5. Produce transaction receipt.
6. End

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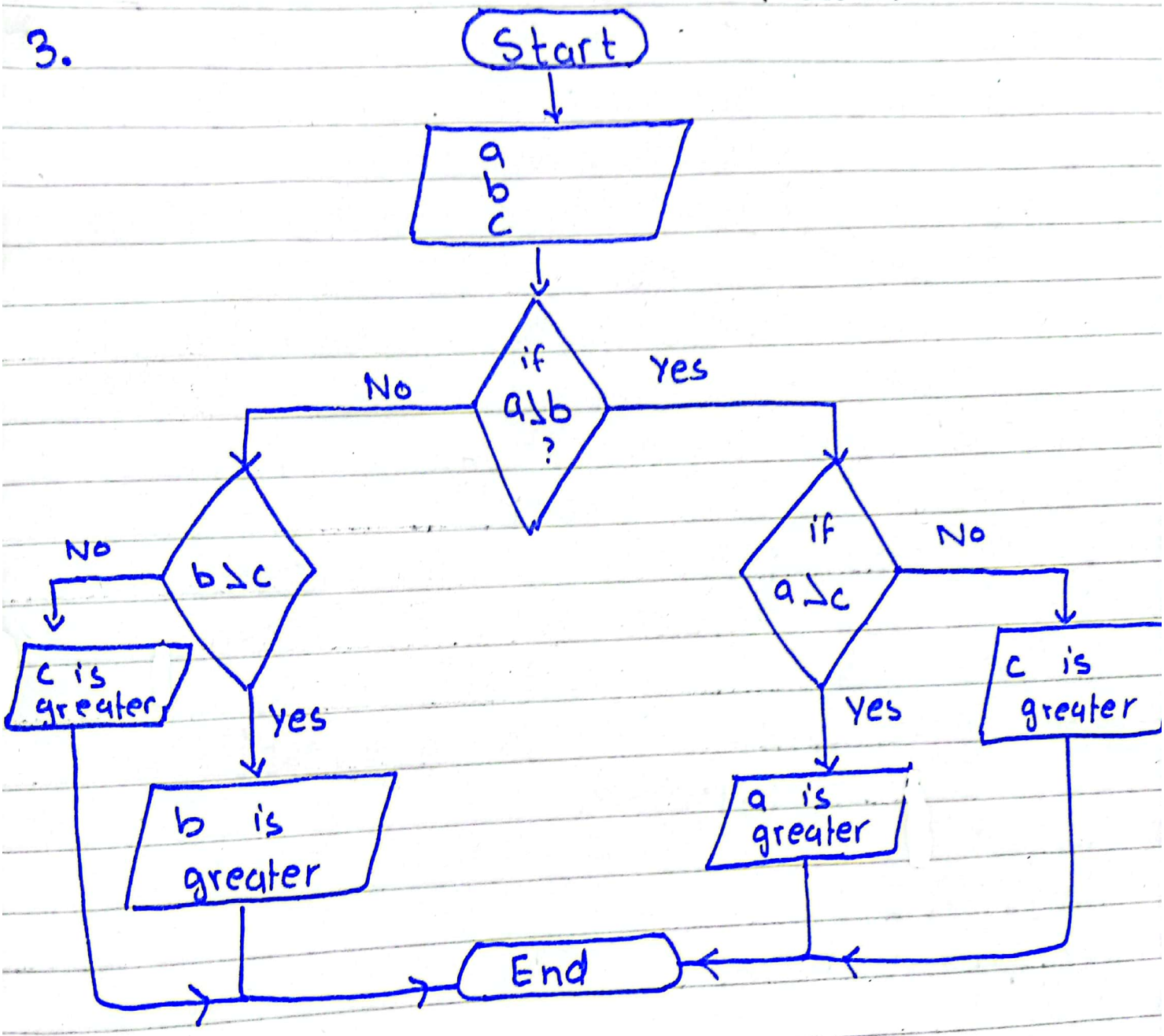
Flowchart

3.



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Pseudo Code

1. Start
2. Input three numbers; a, b, c
3. If a is greater than b
   → if true, then check whether a is greater than c.
   → if false, then check whether b is greater than c.
4. If a is greater than c, then print "a is greatest."
5. or else print "c is greatest."
6. If b is greater than c, then print "b is greatest."
7. or else print "c is greatest."

Algorithm

1 Input
2. Input A, B, C
3. If A ≥ B then
4. If A ≥ C
   Print "A is greater."
5. or else Print "C is greater."
6. End if
7. Else if B ≥ C, then
   Print "B is greater."
8. or else Print "C is greater"
9. End if
10. End

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4. 1. Start

2. Input month number "x"

```
if (x==1): print "Jan".
if (x==2): print "Feb".
if (x==3): print "Mar".
if (x==4): print "Apr".
if (x==5): print "May".
if (x==6): print "Jun"
if (x==7): print "Jul"
if (x==8): print "Aug"
if (x==9): print "Sep"
if (x==10): print "Oct"
if (x==11): print "Nov"
if (x==12): print "Dec"
if (x<1 or x>12):
        print ("Invalid input")
```

3. Output Month name.

4. End.

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Q. 5.

1. Start
2. Input three variables:
   (i) 1st Number (a)
   (ii) Operator (c)
   (iii) 2nd Number (b)
3. if c is "+", then a + b
   or else a - b
4. Print output
5. End.

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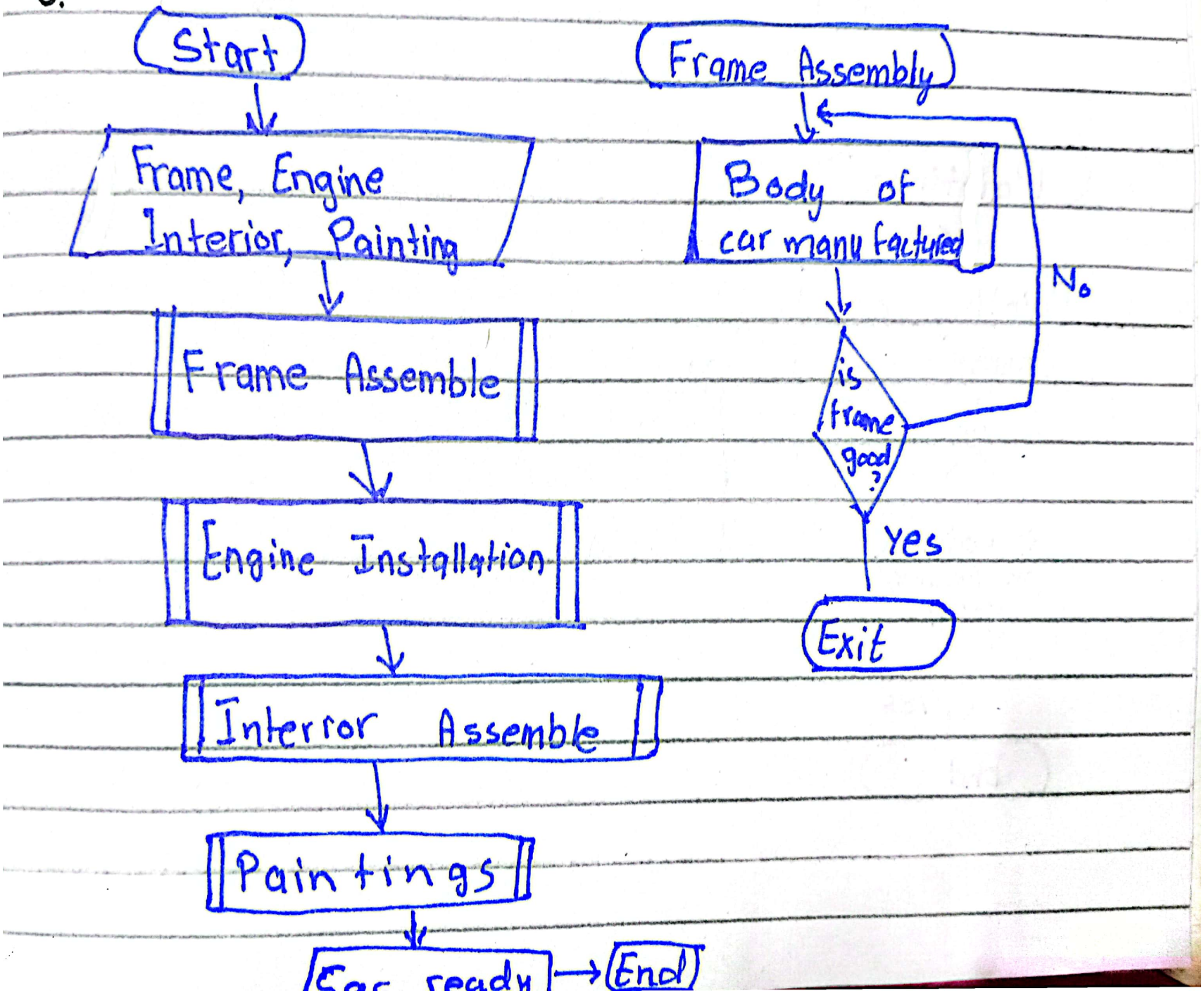
6.



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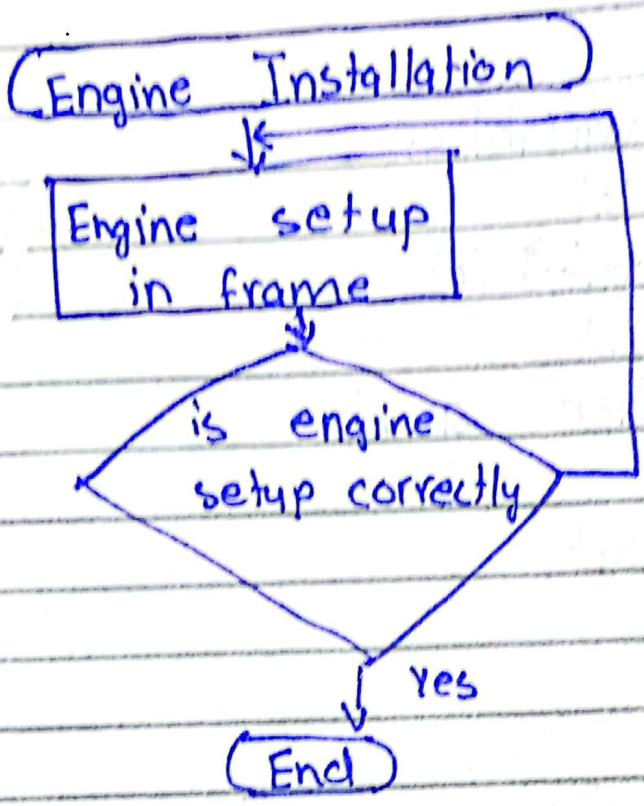

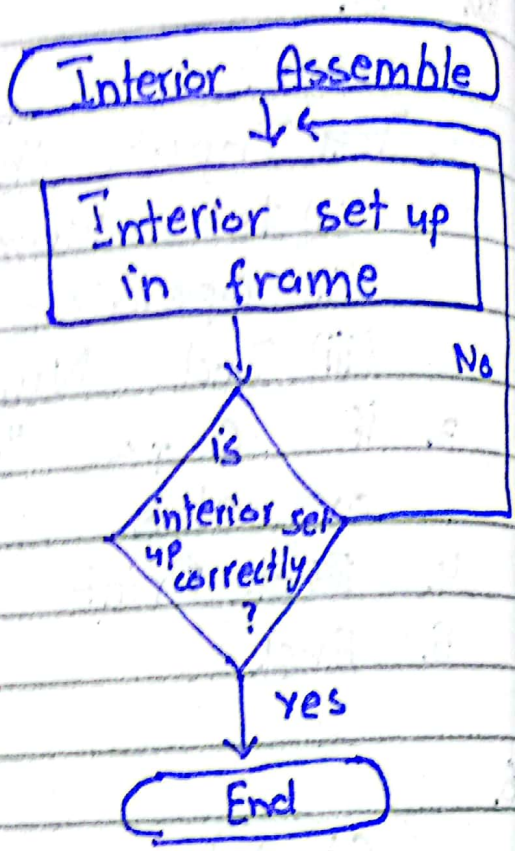

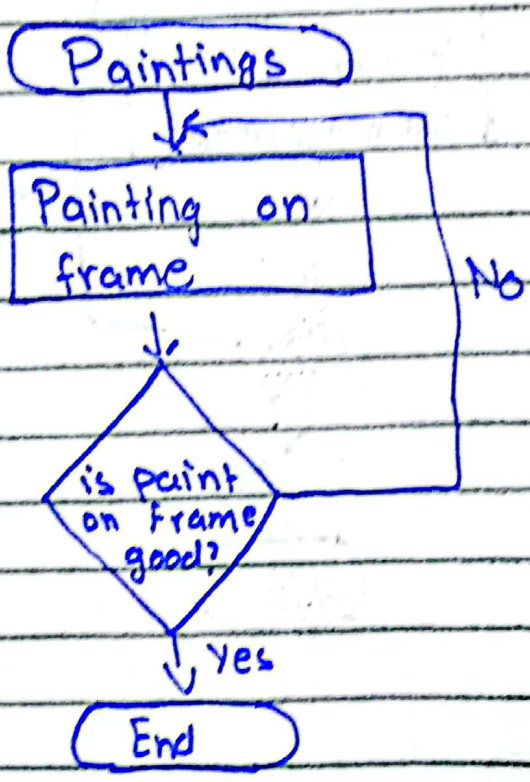

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7.

1. Start
2. Input two numbers, a & b.
3. User chooses operator
4. Calculations possible
   Subtraction: = a - b
   Addition: = a + b
   Multiplication: = a * b
   Division: = a / b
   Modulus: = a % b
5. Show result
6. If user wants to continue, go back to step 2.
7. End.

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