Pseudo code:

1.Find the maximum number in any of three variables.

step 1: Start
step 2: input N1, N2, N3
step 3: if N1>N2 and N1>N3
print "N1 is maximum"
step 4: if N2>N1 and N2>N3
print "N2 is maximum"
step 5: if N3>N1 and N3>N2
print "N3 is maximum"
step 6: End

2. Take three variables as input and add them without using the + operator (Use your head for this)

step 1: Start

step 2: Input N1, N2, N3

step 3: Set sum=-1(N1-N2-N3)

step 4: Print sum

step 5: End

3.Create a small calculator which only does '+' or '-' Operations. (Hint: Take three variable inputs with one being used for the operator)

Step 1: Start

Step 2: Input N1 , N2, N3

Step 3: Input operator (+ ,-)

Step 4: IF operator == '+' THEN

Print result = N1 + N2+N3

ELSE IF operator == '-' THEN

Print result = N1 – N2-N3

ELSE print "Invalid operator!"

Step 5: End

ALGORITHMS:

Implement an algorithm for determining if an Nth is a divisor of an n Number (i.e. 2 is a divisor of 6) . If so, determine if it's an even number or odd number as well.

1. Start
2. Input the value for n
3. Input the value for Nth
4. If $n\%Nth==0$, Nth is a divisor of n.
   Else, print "Nth is not a divisor of n"
5. If $Nth\%2==0$, then Nth is an even number.
   Else, Nth is an odd number.
6. Print "Nth is a divisor of n".
7. Print whether Nth is "even" or "odd".
8. End

Implement an algorithm where the user enters a number, and an appropriate month is displayed.

Step 1: Start

Step 2: input a number n (1-12)

Step 3: If n=1 print January

If n=2 print February

If n=3 print march

If n=4 print April

If n=5 print may

If n=6 print June

If n=7 print July

If n=8 print august

If n=9 print September

If n=10 print October

If n=11 print November

ELSE print December

Step 4: End

// Step 1: Input the first number

PRINT "Enter the first number:"

INPUT num1 //

Step 2: Input the operator PRINT "Enter an operator (+, -, *, /, %):"

Step 3: Input the second number PRINT "Enter the second number:"

Step 4: IF operator == '+' THEN

result = num1 + num2 ELSE

IF operator == '-' THEN

result = num1 – num2

ELSE IF operator == '*' THEN

result = num1 * num2

ELSE IF operator == '/' THEN

IF num2 == 0 THEN PRINT "Error: Division by zero!"

EXIT

ELSE result = num1 / num2

END IF

ELSE IF operator == '%' THEN

result = num1 % num2

ELSE

PRINT "Invalid operator!"

EXIT

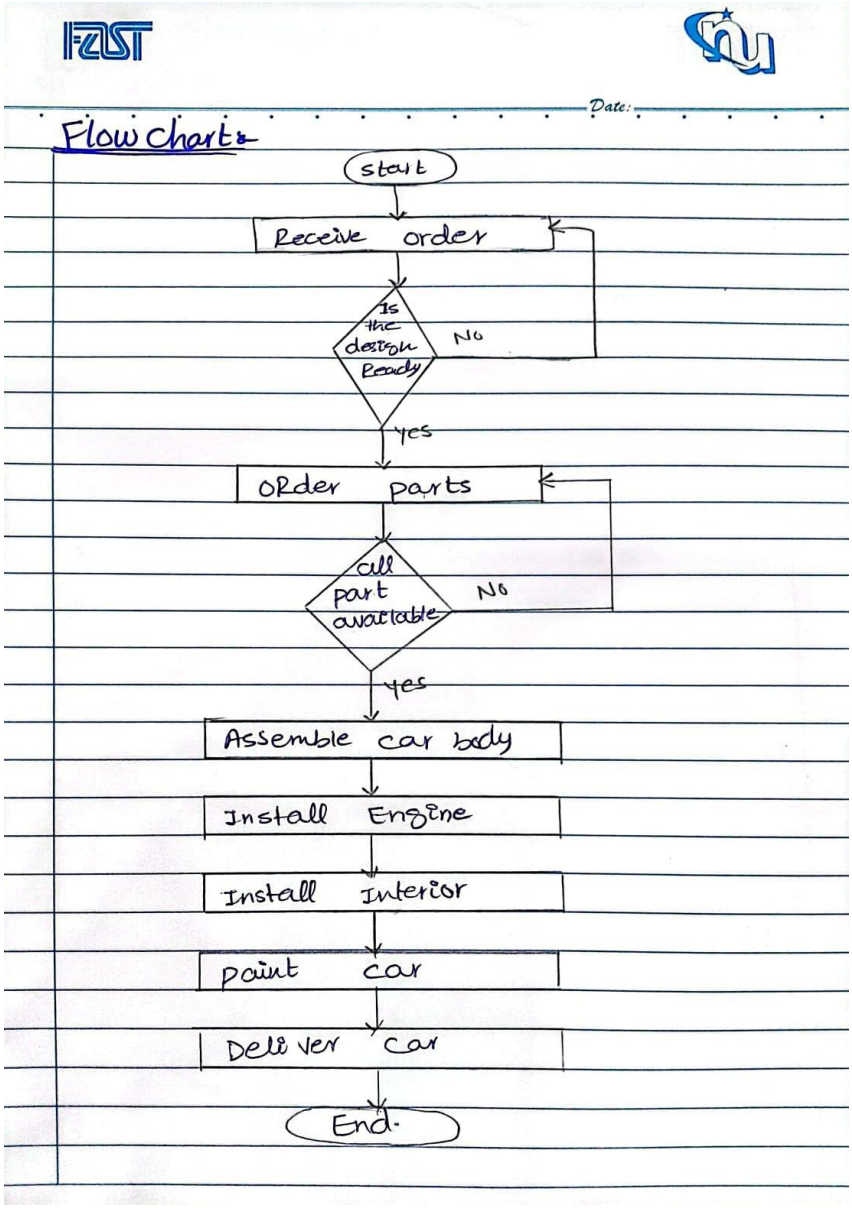
END IF

// Step 5: Display the result

PRINT "The result is:", result

END

FLOW CHART :


Date:
Flow Charts
start
Receive order
Is the design Ready
No
yes
ORder parts
all part available
No
yes
Assemble car body
Install Engine
Install Interior
paint car
Deliver car
End.