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**Lab Task 2**

**2. Find the maximum number in any of any three variables. (psedocode)**

start

input n1, n2, n.3

If n1>n2 and n1>n3 than

Print n1 is max

Else if n2>n1 and n2>n3 Than

Print n2 is max

else

Print n3 is max

end IF

end

# 3. Take 3 variables as input and add them without using + operator (algorithm)

input n1,n2,n3

set sum=0

set sum=sum-(-num 1)

set sum = sum-(-num2)

set sum=sum - (-num3)

print the sum of three numbers is

display sum

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

start

Input n1,n2

display Enter the operator

input operator

IF operator= + than

int sum=n1+n2

print sum

ELSE IF operator= - THEN

int difference=n1-n2

print difference

ELSE

print Invalid operator

END IF

END

# 6. Implement an algorithm for making a simple calculator with all the operators (+,-,\*,/,%)

Ask user to enter n1

Ask user to enter operator number

Ask user to enter n2

If user enters operator +, add n1 and n2

If user enters operator -, subtract n1 from the n2

If user enters operator \*, multiply n1 and n2

If user enters operator /, divide n1 by n2

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

If user enters 1 then display January

If user enters 2 then display February

If user enters 3 then display March

If user enters 4 then display April

If user enters 5 then display May

If user enters 6 then display June

If user enters 7 then display July

If user enters 8 then display August

If user enters 9 then display September

If user enters 10 then display October

If user enters 11 then display November

If user enters 12 then display December

# You are working at Toyota Indus Motors and want to assemble a car. Design a flowchart with proper process modules and decision structures to replicate a

Input parts

If all parts are avalaible

Assemble interior

Install engine

Display car goes for sale

working

Assemble parts



flowchart

If car is assemble