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**PF LAB TASK 2**

**PSEUDOCODE**

**Question no 1:** **Find the maximum number in any of three variables.**

**START**

**INPUT NUM 1,NUM 2,NUM 3**

**IF (NUM 1 > NUMB 2 AND NUM 1 >NUMB 3)**

**DISPLAY NUMB 1 IS MAXIMUM**

**ELSEIF (NUM 2 > NUMB 1 AND NUM 2 >NUMB 3)**

**DISPLAY NUMB IS MAXIMUM**

**ELSEIF (NUM 3 > NUMB 2 AND NUM 3 >NUMB 1)**

**DISPLAY NUMB 3 IS MAXIMUM**

**ELSE**

**DISPLAY ALL NUMBER ARE EQUAL**

**ENDIF**

**END**

**QUESTION NO 2:** **Take three variables as input and add them without using the + operator (Use your head for this)**

**START**

**INPUT NUM 1 ,NUM 2,NUM3**

**SET SUM**

**CALCULATE SUM=-(-NUM1-NUM2-NUM3)**

**DISPLAY SUM**

**END**

**QUESTION NO 3:**

**START**

**INPUT NUM 1 , NUM 2, NUM 3**

**INPUT CHOICE**

**SET SUM , SUB**

**IF (CHOICE=1) THEN**

**SUM=NUM1+NUM2+NUM3**

**DISPLAY SUM**

**ELSEIF (CHOICE=2) THEN**

**SUB=NUM1-NUM2-NUM3**

**DISPLAY SUM**

**ELSE**

**DISPLAY ENTER CORRECT CHOICE**

**ENDIF**

**END**

**ALGORITHM**

**QUESTION NO 1:**

Ask user to enter number

If number=1 then

   display”january”

ELSE

If number=2 then

   display”februray”

ELSE

If number=3 then

   display”march”

ELSE

If number=4 then

   display”april”

ELSE

If number=5 then

   display”may”

ELSE

If number=6 then

   display”june”

ELSE

If number=7 then

   display”july”

ELSE

If number=8 then

   display”august”

ELSE

If number=9 then

   display”september”

ELSE

If number=10 then

   display”october”

ELSE

If number=11 then

   display”november”

ELSE

If number=12 then

   display”december”

**QUESTION NO 2:** **Implement an algorithm for making a simple calculator with all the operators (+,-,\*,/,%)**

|  |  |
| --- | --- |
|  |  |

Ask user to enter numb1

Ask user to enter numb2

Ask user to enter operator

if operator is (+) then

   display”numb1+numb2”

else

if operator is (-) then

   display”numb1-numb2”

else

if operator is (x) then

   display”numb1\*numb2”

else

if operator is (/) then

   display”numb1/numb2”

Else

if operator is (%) then

   display”numb1%numb2”

**FLOWCHARTS**

**QUESTION NO 1:** **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 pipeline production.**

Install engine

If car pass the test

Test a car

Paint a Car

Assemble exterior part like window,door etc

Assemble interior part,like seat,steering wheel etc

The car is ready to deliver

Assemble frame

Input frame,engine,exterior, interior,painting