**QUESTION#2:  
Find the maximum number in any of three variables.**

* Start
* Print: “Enter a number”
* Get n1
* Print: “Enter a number”
* Get n2
* Print: “Enter a number”
* Get n3
* If(n1>=n2 && n1>=n3)
  + Print “(n1) is the greatest”
* Else If(n2>=n1 && n2>=n3)
  + Print “(n2) is the greatest”
* Else If(n3>=n1 && n3>=n2)
  + Print “(n3) is the greatest”
* Else
  + Print “---------All are Equal--------”
* End

**QUESTION#3:  
Take three variables as input and add them without using the + operator.**

* Start
* Print: “Enter a number”
* Get n1
* Print: “Enter a number”
* Get n2
* Print: “Enter a number”
* Get n3
* Sum = n1 - (-1\*n2) - (-1 \* n3)
* Print Sum
* End

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

* Start
* Print: “Enter a number”
* Get num1
* Print: “Enter a number”
* Get num2
* Print: “Enter the operation (+ = a \n - = b)”
* Get operation
* If (operation == A||a){
  + Print “output is (num1+num2)”
* Else if(operation == B||b)
  + Print “output is (num1-num2)”
* Else
  + Print “Invalid Operation”;
* End

**QUESTION#5:  
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.**

* Start
* Ask User to Enter a Number(n)
* Store that Number(n)
* Ask to Enter an Nth
* Store Nth
* Checks if a divisor (n%Nth == 0)
  + Check if an even number (Nth%2==0)
    - Print (Nth) is an even number.
  + Else
    - Print (Nth) is an odd number.
* Else
  + Print (Nth) is not a divisor of (n)
* End

**QUESTION#6:  
Implement an algorithm where the user enters a number, and an appropriate month is displayed.**

* Start
* Ask User to Enter a Number(n) between 1-12.
* Store that Number(n)
* Check if n==1
  + Print January
* Else if n==2
  + Print February
* Else if n==3
  + Print March
* Else if n==4
  + Print April
* Else if n==5
  + Print May
* Else if n==6
  + Print June
* Else if n==7
  + Print July
* Else if n==8
  + Print August
* Else if n==9
  + Print September
* Else if n==10
  + Print October
* Else if n==11
  + Print November
* Else if n==12
  + Print December
* Else
  + Print You entered invalid number.
* End

**QUESTION#7:  
Implement an algorithm for making a simple calculator with all the operators (+,-,\*,/,%)**

* Start
* Ask User to Enter a Number(num1)
* Store that Number(num1)
* Ask User to Enter a Number(num2)
* Store that Number(num2)
* Ask User to Enter any Arithmetic Operation among (+,-,\*,/,%)
* Store that Number(operation)
* If operation is +
  + Then print num1 + num2
* Else If operation is -
  + Then print num1 - num2
* Else If operation is \*
  + Then print num1 \* num2
* Else If operation is /
  + Then print num1 / num2
* Else If operation is %
  + Then print num1 % num2
* Else
  + Tell user to enter a valid operation.
* End