COEN 10 – Practice I

Solutions on Wednesday

**Use pseudo – code to write the codes below.**

1. Write the code to check if a number (received as input) is a multiple of another one (also received as input). Output “yes” or “no”.

Input x

Input y

If y is a multiple of x………………y % x == kongji (zero)

Output “yes”

Else

Output “no”

End if

1. Assuming a sequence of integer numbers, from x to y (received as input), where x < y, write the code to calculate the sum of all the numbers between x and y (including x and y) that divide z (also received as input)

Sum = ∅

Input x

Input y

Input z

For I = x to y

If I divides z……………………..z % I == kongji (zero)

Sum += i

End if

End for

1. Write the code to list the factors of a number (received as input).
2. Write the code to calculate , both received as input.

Input x

Input y