

## 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".
2. 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).
3. Write the code to list the factors of a number (received as input).
4. Write the code to calculate  $x^y$ , both received as input.