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## Exercice 1

def moyenne(a,b,c):
    return (a+b+c)/3

## Exercice 2

def somme_produit(a,b):
    return a+b,a*b

## Exercice 3

def F_vers_C(t):
    return (t-32.0)*5/9

def C_vers_F(t):
    return t*9/5+32.0

## Exercice 4

def f(x):
    if 0 <= x <= 1: # ou: x >= 0 and x <= 1
        return 1
    else:
        return 0

## Exercice 5

def trinome(a, b, c):
    if a == 0:
        if b == 0:
            if c != 0:
                return 0
            else:
                return "infinité de solutions"
        else:
            return -c / b
    else:
        delta = b**2 - 4 * a * c
        if delta > 0:
            return 2
        elif delta == 0:
            return 1
        else:
            return 0
```