

```

function
    var
        UNSIGNED LONG LONG decimal, i := 0;
        CHARACTER bin [10];
    endvar
    decimal := validar(MSG, i) // i es passa per referencia.
    sprintf(bin, "%llu", decimal);
    WRITE "El binari decimal ";
    WRITE "és decimalizar(bin, i) en decimal."; //bin es pass per referencia.
endfunction

```

```

function validar(*msg, *i)
    var
        UNSIGNED LONG LONG num, num2, num3;
        INTEGER j, count;
    endvar
    do
        *i := 0;
        WRITE msg;
        READ num;
        num2 := num;
        while num2 != 0 do
            num2 := num2 / 10,
            *i := *i + 1;
        endwhile
    while *i > 7;
    return num;
endfunction

```

```

function decimalizar(*bin, i)
    var
        UNSIGNED LONG LONG dec := 0;
        INTEGER poten := 1, j := i - 1;
        CHARACTER actchar;
    endvar
    for j to 0 do
        actchar := bin[j];
        if actchar == "1" then
            dec := dec + poten;
        endif
        poten := poten * 2;
        j := j - 1
    endfor
    return dec;
endfunction

```