

Program P

{ Declaración e inicialización de variables globales }

Var x: integer;

Var par: Semaphore := 0;

Var impar: Semaphore := 0;

Process P1;

begin

Repeat

x := calcular_valor();

if $x \bmod 2 = 0$

begin

~~Sem~~-signal(par);

Sem-signal(impar);

end

else

Sem-signal(impar);

Until false;

end

Process P2;

begin

Repeat

Sem_wait(par);

Consumir(x);

Until false

end

Process P3;

begin

Repeat

Sem_wait(impar);

Consumir(x);

Until false

end

