

◇ Peterson's Algorithm ◇

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program peterson;
(* Peterson's two-process mutual exclusion algorithm *)

var
    count, turn : integer;
    flag1, flag2: boolean;

process turnstile1;
var loop: integer;
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    for loop := 1 to 20 do
        begin
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            count := count + 1;
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process turnstile2; (* similar *)
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