```
PROCESS Main;  (* main process *)

VAR i, xx   : INTEGER;
    IsFinalResult, exit: BOOLEAN;

BEGIN

  (* initialize *)

  FOR i := 1 TO n DO BEGIN
    TaskGcd[i].InitState(x[i],i);
    TaskDistr[i].InitState(x[i],i);
  END;

  (* check for final result *)

  REPEAT
    SLEEP(1);
    WRITELN('Begin of check final state');
    TaskGcd[1].ReportState(GcDiv);
    IsFinalResult := TRUE;

    i := 2;
    exit := FALSE;
    WHILE ((i <= n) AND (NOT(exit))) DO BEGIN
      TaskGcd[i].ReportState(xx);

      IF (xx <> GcDiv) THEN BEGIN
         IsFinalResult := FALSE;
         WRITELN('not final result');
         exit := TRUE;
      END;
      i := SUCC(i);
    END;

    WRITELN('end of check final state');
  UNTIL IsFinalResult;

END; (* Main *)
```