task do_n_way( int N );
  process job[1:N];

  for( int j = 1; j <= N; j++ )
    fork
      automatic int k = j;
      begin job[k] = process::self(); ... ; end
    join_none
  endfor

  for( int j = 1; j <= N; j++ ) // wait for all processes to start
    wait( job[j] != null );
  endfor

  job[1].await(); // wait for first process to finish

  for( int j = 1; j <= N; j++ ) begin
    if( job[j].status != process::FINISHED )
      job[j].kill();
  end
endtask