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{*****
{
*                               P R O C P                               *
*-----*
*   Task           : Examines the processor type in the PC and       *
*                   tells the user the processor type                 *
*-----*
*   Author          : MICHAEL TISCHER                                *
*   Developed on    : 08/16/1988                                       *
*   Last update     : 01/14/1992                                       *
*****}

program PROCP;

{-- Declaration of assembler routines -----}

{$L procpa}                                { Link assembler module }

function GetProz : integer; external;
function GetCo   : integer; external;

{-- Types and global variables -----}

type  ProName = string[20];                { Array of processor names }

const ProcName : array [0..8] of ProName =
    ( 'INTEL 8088',                        { Code 0 }
      'INTEL 8086',                        { Code 1 }
      'NEC V20',                          { Code 2 }
      'NEC V30',                          { Code 3 }
      'INTEL 80188',                      { Code 4 }
      'INTEL 80186',                      { Code 5 }
      'INTEL 80286',                      { Code 6 }
      'INTEL 80386',                      { Code 7 }
      'INTEL 80486' );                   { Code 8 }

    CoName : array [0..3] of ProName =
        ( 'No coprocessor',               { Code 0 }
          '8087',                         { Code 1 }
          '80287',                       { Code 2 }
          '80387/80487' );               { Code 3 }

{*****
{**                               MAIN PROGRAM                               **}
{*****}

begin
writeln('PROCP - (c) 1988 by MICHAEL TISCHER');
writeln;
writeln('Processor      : ', ProcName[GetProz]);
writeln('Coprocessor    : ', CoName [ GetCo ] );
writeln;
end.

```