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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 }
    )

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                                '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 }

```

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

```

```

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

```