

```

/*****
/*                                P R O C C                                */
/*-----*/
/*      Task      : Determines the processor type in a PC                */
/*-----*/
/*      Author    : Michael Tischer                                     */
/*      Developed on : 08/14/88                                           */
/*      Last update  : 03/08/92                                           */
/*-----*/
/*      (MICROSOFT C)   cl /AS /c procc.c                                */
/*                      link procc procca;                                */
/*      (BORLAND TURBO C)                                     */
/*      Compilation    : Create a project file containing these lines: */
/*                      PROCC                                             */
/*                      PROCCA.ASM                                        */
*****/

```

```
#include <stdio.h>
```

```
extern int getproz( void ); /* For linking the assembler routine */
extern int getco( void );
```

```

/*****
/**                                MAIN PROGRAM                                */
*****/

```

```
void main()
```

```

{
    static char * prozname[] = { /* Vector with pointers to the names */
        "Intel 8088",           /* Code 0 */
        "Intel 8086",           /* Code 1 */
    };

```

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        "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 */
    };

static char *coname[] = {         /* Vector with pointers to the names */
    "No coprocessor",            /* Code 0 */
    "8087",                      /* Code 1 */
    "80287",                    /* Code 2 */
    "80387/80487"               /* Code 3 */
};

printf("0000000000000000 PROC (c) 1988, 91 by Michael Tischer 000\n\n");
printf("Processor   : %s\n", prozname[ getproz() ] );
printf("Coprocessor : %s\n\n", coname[ getco() ] );
}

```