

Pascal listing: NOKEYP.PAS

```
{*****}
{*              N O K E Y P              *}
{*-----*}
{*   Task           : Demonstrates clearing the keyboard buffer.   *}
{*                   This is useful for protecting the user from   *}
{*                   accidental keystrokes during an important      *}
{*                   command (e.g., deleting files).                *}
{*-----*}
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{*   Developed on     : 01/01/92                                     *}
{*   Last update      : 04/07/95                                     *}
{*****}
```

program NoKeyP;

uses Crt; { * Add CRT unit * }

```
{*****}
{* ClearKbBuffer : Clears the contents of the keyboard buffer.   *}
{* Input       : None                                           *}
{* Output      : None                                           *}
{*****}
```

procedure ClearKbBuffer;

```
begin
  inline( $fa ); { CLI: Disable hardware interrupts }
  memw[$40:$1A] := memw[$40:$1C]; { No more characters in buffer }
  inline( $fb ); { STI: Enable hardware interrupts }
end;
```



```

kch := ReadKey;
write( ' ', ord(kch):5 );           { Display code only first }
if ord(kch) > 32 then                { Code > 32? }
    write ( '(', kch, ')' ); { Yes --> Display character as well }
    writeln;
    inc( ccount );              { More than one character found }
end;
if ccount = 0 then                  { Out of characters? }
    writeln( '(None)' );          { Done }
    writeln;
end.

```