

[illegible]

```

var Counter : integer; { Loop counter }

begin
ClrScr; { Clear screen }
Window(14,(20-FENTS) shr 1+1,64,(20-FENTS) shr 1 +5+FENTS);
GotoXY(1,1); { Cursor in upper-left corner of window }

write('Eííííííííííííííííííííííííííííííííííííííííííííííí');
write('° Filename ° Size ° Date ° Time °RHSVD°');
write('ÇAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA¶');

for Counter := 1 to FENTS do
    write('° ° ° ° °');
    write('Eííííííííííííííííííííííííííííííííííííííííííííííí');

Window(15,(20-FENTS) shr 1+4,66,(20-FENTS) shr 1 +3+FENTS);
GotoXY(1, FENTS); { Cursor in upper-left corner of window }
end;

{*****}
{* Dir: Controls directory reading and output. *}
{* Input : SPATH = Search path with file pattern *}
{* ATTRIBUTE = Search attribute *}
{* Output : None *}
{*****}

procedure Dir( SPath : string; Attr : byte );

var NumOfEntries, { Total number of entries found }
NumInScrn : integer; { Number of entries per screen }
WKey : char; { Wait for a keypress }
DirBuf : SearchRec; { Indicates a directory entry }

begin
clrscr; { Clear screen }
ScreenDesign; { Prepare screen for directory output }

NumInScrn := -1; { No more entries to display }
NumOfEntries := 0; { No more entries found }
FindFirst( SPath, Attr, DirBuf ); { Search for first entry }
if DOSError = 0 then
repeat
    NumOfEntries := succ(NumOfEntries); { One more entry found }
    NumInScrn := succ(NumInScrn); { One more entry in window }
    if NumInScrn = FENTS then { Is the window full? }
        begin
            Window(14, (20-FENTS) shr 1 + 5 + FENTS,
                66, (20-FENTS) shr 1 + 6+ FENTS );
            GotoXY(1, 1); { Move cursor to bottom line of window }
            TextBackground( LightGray ); { White background }
            TextColor( Black ); { Black text }
            write(' Please press a key ');
            WKey := ReadKey; { Read a key }
            GotoXY(1, 1); { Cursor in upper-left corner of window }
            TextBackground( Black ); { Black background }
            TextColor( LightGray ); { White text }
            write(' ');
            Window(15,(20-FENTS) shr 1+4,65,(20-FENTS) shr 1 +3+FENTS);
            GotoXY(1, FENTS); { Return cursor to old position }
            NumInScrn := 0; { Start counting at 0 }
        end;
    PrintData( DirBuf ); { Display entry data }
    FindNext( DirBuf ); { Search for next file until }
until DOSError <> 0; { no more files remain }

Window(14,(20-FENTS) shr 1 +5+FENTS,65,(20-FENTS) shr 1 +6+FENTS);
GotoXY(1, 1); { Cursor in upper-left corner of window }
TextBackground( LightGray ); { White background }
TextColor( Black ); { Black text }
write(' ');

GotoXY(2, 1);
case NumOfEntries of
    0 : write('No files found');
    1 : write('One file found');
else write(NumOfEntries,' files found')
end;

Window(1, 1, 80, 25); { Make entire screen a window }
end;

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

begin
```

```
case ParamCount of
  0 : Dir( '*.*', AnyFile );      { Count parameters }
  1 : Dir( ParamStr(1), AnyFile ); { All files in current directory }
    else writeln('Invalid number of parameters');
end;
end.
```