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HISOFT PASCAL 4 - VERSION 1.4.
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The release number of Hisoft Pascal 4D and Hisoft Pascal 4T is now 1.4, effective from 31 October 1982.

The differences between Version 1.1 and Version 1.4 are given below:

1. A bug in the evaluation of expressions (which led to expressions like $1+SOR(2)$ being incorrectly evaluated) has been corrected.
2. A bug in the evaluation of expressions (which led to expressions like $1+(1+1)$ being incorrectly evaluated) has been corrected.
3. A bug that caused the incorrect evaluation of the result of an integer to real comparison has been corrected.
4. Hisoft Pascal 4T only: the documented bug in the editor 'S' sub-command (see page 38 of the Programmer's Manual) has been corrected - 'S' can now be used at any time.
5. Hisoft Pascal 4T only: using the 'F' command from within the editor to find a character string now positions the editing cursor at the beginning of any found occurrence of the string cf. pages 37 and 38 of the Programmer's Manual.
6. Hisoft Pascal 4T only: a new editor command has been incorporated. The 'X' command displays, in hexadecimal, the current end address of the compiler. This allows the user to make a working copy of the compiler package and thus minimises the danger of corrupting the master tape. To do this, find the start address of the package from your Implementation Note and the end address of the package using the 'X' command. Now use the relevant operating system command to dump this block of memory to tape. Note that you will not be able to use the HP4T loader to load the package when saved in this way - instead you should use the relevant operating system load command and then execute a cold start into the editor as given in your Implementation Note.

SPECTRUM owners should consult the enclosed sheet 'Making working copies'.

For technical reasons owners of HP4T on a NASCOM (under NAS-SYS) or on a ZX SPECTRUM will be sent Version 1.3 which is identical to Version 1.4 except that bug 3 above is not corrected. To avoid this bug you should always ensure that the real expression in a real-to-integer comparison always appears on the left of the comparison.

Hisoft Pascal 4T owners should note that the Installation Guide and the Alteration Guide are identical documents. This will be available towards the end of December 1982.