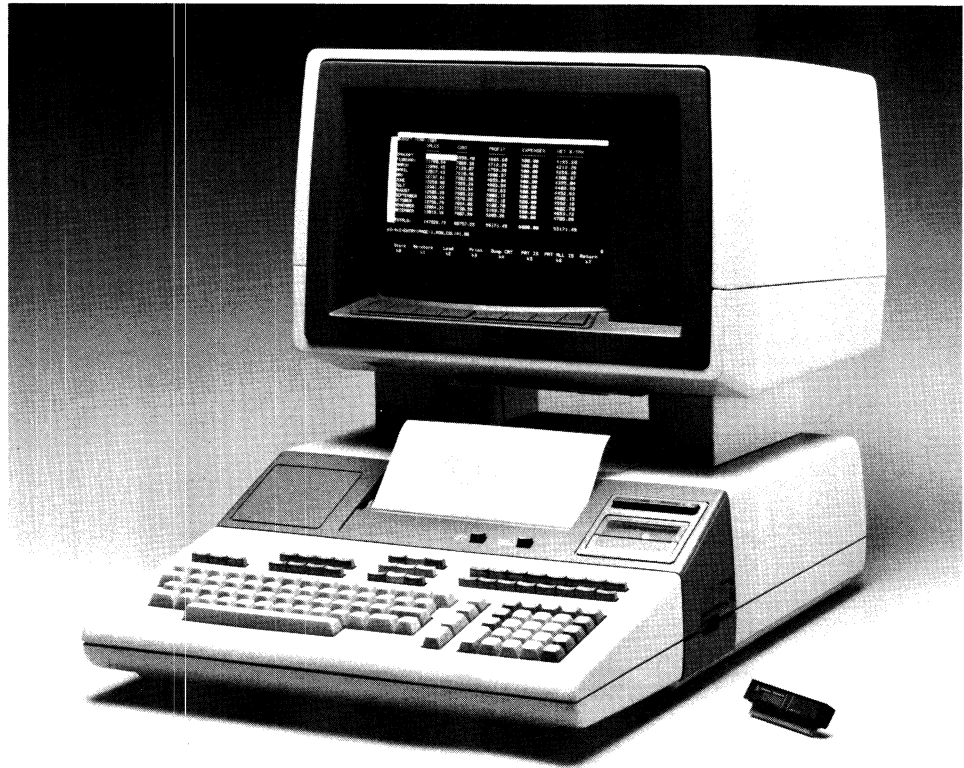


INFOCALC



INFOCALC for the Hewlett Packard 9845 B, C and T Desktop Computer is a powerful, ROM-based software tool that can be used by both programmers and non-programmers.*

This versatile spreadsheet program simplifies the analysis and solution of complex data management problems in applications that require the manipulation of interrelated data.

INFOCALC offers features not available in other spreadsheets.

It is organized into 999 pages, rows, and columns. This three-dimensional format allows users to compare sets of data without having to scroll through the spreadsheet or split the CRT screen into windows in order to find a particular range of entries. A cost estimate, for example, could be stored on page one. A single keystroke would display the actual costs, stored on page two.

An alarm function can be used

to cause entries to flash when they fall outside of the user-defined limit.

Since INFOCALC is ROM-based, the spreadsheet can be accessed instantly without having to load a lengthy program. BASIC and binary programs remain resident in memory while INFOCALC is being used. The functions used in defining a cell include all of the mathematical functions of the HP 9845 together with several special INFOCALC functions. As with normal operation of the HP 9845, every entry may be accompanied by a remark. String capabilities are all of those inherent in the computer, plus each cell can be assigned a string up to eighty characters in length.

All operations can be performed on a single page or back through multiple pages. Information can easily be moved or copied from one page to another, or to different locations on the same page.



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MENU DRIVEN COMMANDS

The menu driven commands are invoked by depressing the soft key on the CRT of the HP 9845 or the corresponding special function key.

SPLIT SCREEN

The SPLIT key commands allow the screen to be split into several windows. Up to four pages or parts of a single page can be viewed at once. These windows can either be scrolled synchronously or independently of each other.

FORMAT COMMANDS

The FORMAT commands allow the user to specify how the data appears on the CRT screen. Numerical entries can be displayed in fixed, standard, or floating point format, as well as being left or right justified. The number of columns and the column width can be redefined to suit user specifications. The user-defined format is stored along with the INFOCALC spreadsheet.

I/O COMMANDS

The I/O commands provide different options for loading, storing and printing spreadsheets. All or specific parts of a spreadsheet can be printed to any printer select code. Spreadsheets are stored as data files on any HP 9845 compatible mass storage device. These data files can be accessed and manipulated by BASIC programs, or BASIC programs can create data files which can be used by INFOCALC. Data can then be edited, formatted, or printed using INFOCALC—no additional programs have to be written.

MISCELLANEOUS COMMANDS

The MISC. COMMANDS key provides access to DELETE, COPY, MOVE, SORT, and REPEAT functions which can be performed on any specified range.

SPECIAL FUNCTIONS

ALARM FUNCTION

An alarm condition can be defined for each cell expression. If an entry's alarm condition is true, the calculated value will flash on the display. The alarm parameter is easily defined at the same time a cell expression is generated. The alarm function is extremely useful when attempting to make comparisons between sets of data. A single keystroke instantly brings the cursor to each "alarmed" cell.

All of the mathematical functions of the HP 9845 can be used in defining a cell. In addition, the following INFOCALC functions are provided:

AVG

Returns the average of the numeric items in a list.

SUM

Returns the sum of the numeric items in a list.

CASE

Returns the value of the indexed numeric expression.

CASE\$

Returns the string of the indexed string expression.

COL/PAGE/ROW

Returns the column, page, or row number of the current entry.

CNT

Returns the number of numeric entries in a list.

ENTRY

Returns the value of the specified entry.

ENTRYS

Returns the string of the specified entry.

IF/IFS

Performs a boolean comparison and returns a true/false numeric or string expression.

ISERROR

Returns a 1 if the specified expression is erroneous.

ISNA

Returns a 1 if the specified expression is NA (not available).

LOOKC/LOOKP/LOOKR

Searches through columns, pages, or rows for a specific comparison and returns the location where the comparison is true.

MAX

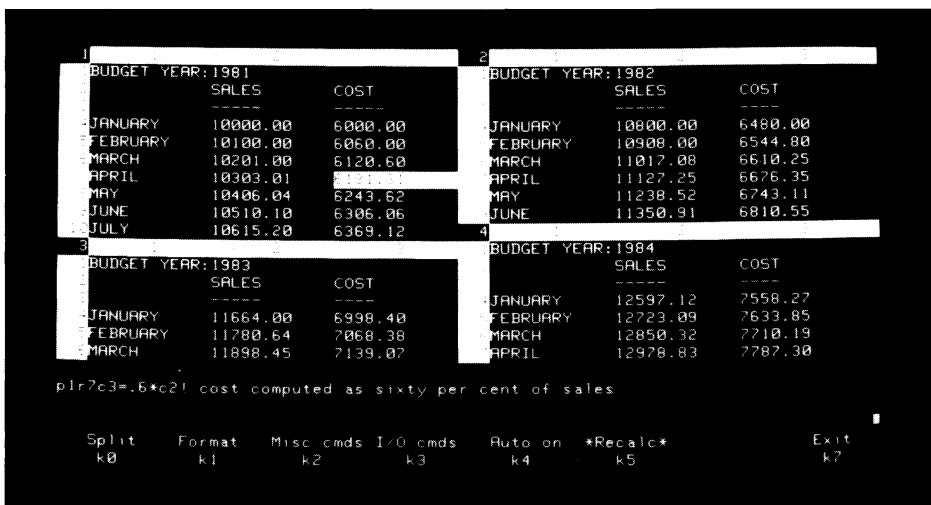
Returns the maximum numeric value of an item list.

MIN

Returns the minimum numeric value of an item list.

NA

Not available. Returned when an entry uses NA or references an entry which uses NA.



1 BUDGET YEAR: 1981			2 BUDGET YEAR: 1982		
	SALES	COST		SALES	COST
JANUARY	1000.00	6000.00	JANUARY	1000.00	6480.00
FEBRUARY	1010.00	6060.00	FEBRUARY	1090.00	6544.00
MARCH	1020.00	6120.00	MARCH	1101.00	6610.25
APRIL	1030.01	6180.01	APRIL	1112.25	6676.35
MAY	1040.04	6243.62	MAY	11238.52	6743.11
JUNE	10510.10	6306.06	JUNE	11350.91	6810.55
JULY	10615.20	6369.12			

3 BUDGET YEAR: 1983			4 BUDGET YEAR: 1984		
	SALES	COST		SALES	COST
JANUARY	11664.00	6998.40	JANUARY	12597.12	7558.27
FEBRUARY	11780.64	7068.38	FEBRUARY	12723.09	7633.85
MARCH	11898.45	7139.07	MARCH	12850.32	7710.19
			APRIL	12978.83	7787.30

p1r7c3=.6*c2' cost computed as sixty per cent of sales

Split k0 Format k1 Misc cmds k2 I/O cmds k3 Auto on k4 *Recalc* k5 Exit k7

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