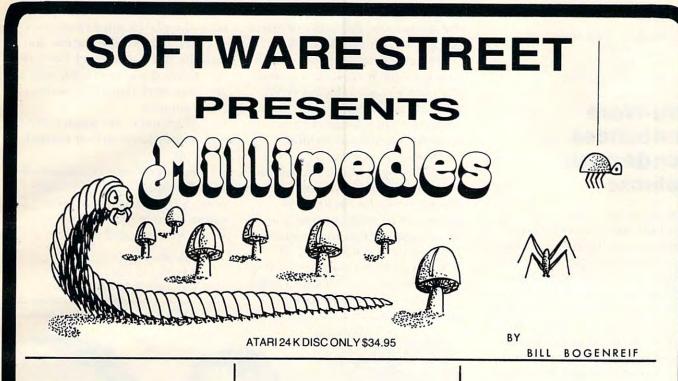
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Edu-Ware Announces Rendezvous Release

Edu-Ware has announced the April release of Rendezvous[™], a space shuttle flight simulation by a NASA senior scientist, Wesley Huntress. In four phases Rendezvous simulates an actual space shuttle flight from Earth Liftoff, through Orbital Rendezvous and Approach, to Alignment and Docking with a space station. The system is available in Applesoft and Atari BASIC, and will retail for \$39.95.

Rendezvous' high-resolution

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2325 MacBride lowa City, la 52240 319 351—4775 graphics and animation capture the drama and difficulty of space navigation. Shuttle liftoff and flight conditions are governed by gravitational forces, thrust, and the player's own piloting skills. Distance and engine burn time (measured in kilometers and seconds) complicate orbital calculations.

Throughout the final alignment and docking sequence the player views the rotating, 3dimensional space station as it would appear through a space craft's anterior window. 3-D Solid-Structure Graphics[™] bring to life the massive bulk and solidity of the station and docking bay. In a precisely timed operation, the player must maneuver his craft around the station and into the narrow, tunnel-like bay.

Once docking is achieved, a sophisticated algorithm scores performance.

Maneuvers are implemented with either keyboard or joystick controls.

Rendezvous is recommended for individual players, 13 and over. Suitable for classroom application in General Science, Earth Science, and Physics.

> Edu-Ware Services, Inc. P.O. Box 22222 Agoura, CA 91301



"My First Alphabet" Claims Atari \$25,000 Award

Fernando Herrera, winner of the \$25,000 Atari Star Award for the creation of a computer program, was inspired to write My First Alphabet to assist his visuallyimpaired son, Steve, in learning to read. The colorful, animated alphabet is a beneficial learning aid to children between two and eight years of age. More than \$100,000 worth of prizes are awarded annually to creators of computer software in the contest sponsored by Atari, Inc. Herrera, an architect by training, recently switched careers as the result of his interest in home computers. He now manages a computer store on Long Island, New York.

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Home Budget Programs For The Atari

Personal Finance From: COMPUTARI 9607 Athlone Dallas, TX 75218

Personal Finance offers several different programs, such as check entry, budget entry/review, check search, tabulations, expense/budget charts, check reconciliation and a secondary menu which offers eight utility programs. A four-color bar graph program provides the same type of information as does the Tabulations program – expenses versus budget by month, year-todate, or by expense category over twelve months. In Check Search, you can search through your checks and records by payee, expense category, tax deductible status, or check number.

This program retails for \$49.95, operates with 24K and an 810 disk drive. It is an autoboot, menu driven package.

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Budgetmaster From: Sunrise Software P.O. Box 25621 Cleveland, OH 44125 (216)581-9359

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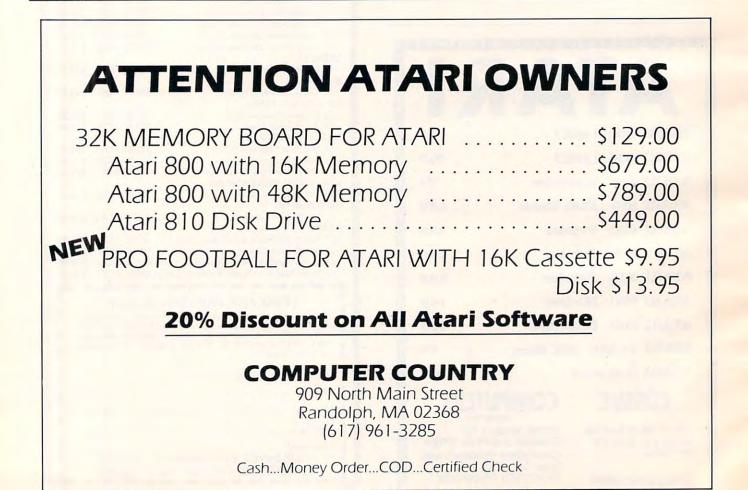
data for 12 months at a time to tape or disk.

4) Analyze your spending patterns and your budgeting skills to assist you in making future budget decisions.

5) Interface with most printers, giving you a hard copy of your displays whenever you wish.

6) Save your data and category names on either cassette or diskette.

Budgetmaster is currently available on disk for \$34.95. Check Balancer may also be purchased with Budgetmaster for a total sum of \$39.95, and will interface with Budgetmaster. Another-version of Check Balancer will operate independently and will retail in the \$14-\$17 range if bought separately. Cassette versions are available for both for slightly less.





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These programs require an Atari 400 or 800 with 32K RAM.

Personal Finance System From: Dynacomp, Inc. 1427 Monroe Ave. Rochester, NY 14618

This is a single diskette, menuoriented system – a collection of ten interdependent programs that are used to create, correct, maintain, sort and display your personal finance records. All information is stored in the form of concise records in a master data file. 600 records per disk.

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The program requires 24K of memory. It retails for \$34.95.

Reston Publishing Introduces New Software/Book Products

Reston Publishing Company, a subsidiary of Prentice-Hall Inc., unveiled three new entries in its personal computer book line.

The three new computer book/software packages are: Paint, package available for use on the Atari 400 or 800 personal computer; Multiploy, an educational game for the Apple II Plus computer; and Space Knights, a game of warring space pirates.

Paint is an educational software program written by the Capital Children's Museum of Washington, DC. Utilizing the color capabilities of the Atari, the students are able to create "paintings" of their own on the computer using hundreds of color textures. The paint brush is controlled by the joy stick of the computer. The Paint package consists of an educational book with the complete software – both work side-by-side to guide the students through every step.

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Multiploy, by Paul Coletta, is an educational game developed for the Apple home computer. The combination of arcade-type action and mathematical operations (addition, subtraction, multiplication, and division) provide a fun environment for learning. There are three different skill levels for each operation, making this a game for any age group. The computer automatically ranks the players at every skill level so they can follow their own progress as they climb to the top level.

Multiploy will be available in May. Cost is \$19.95.

Space Knights, especially designed for sci-fi computer gamers, is written by David L. Heller and Robert Kurcina. Using the Atari 400 personal computer, this new concept in software links adventure, science fiction and the computer's color, sound, and graphic capabilities. The result is a series of roleplaying games for all ages. Players follow Jake and Lisa through a series of action-packed adventures in an attempt to do better than they do on their adventure. The encounters are successively harder to provide the challenge.

> Reston Publishing Co. 1148 Sunset Hills Rd. Reston, VA 22090 (703)437-8900

6502 Assembly Language Subroutines

Osborne/McGraw-Hill has just released the first title in a new series of Assembly Language Subroutines.

6502 Assembly Language Subroutines by Lance A. Leventhal and Winthrop Saville presents an overview of assembly language programming for the 6502 microprocessor and a collection of more than forty useful subroutines. These routines can be used as subroutines in actual applications and as guidelines for complex programs.

Leventhal and Saville provide code for common routines including: code conversion, array manipulation, arithmetic, bit manipulation, summation, sorting and searching. Also included are examples of I/O routines, interrupt service routines, and initialization routines for common family chips such as parallel and serial interfaces, and timers. These subroutines can run on microcomputers manufactured by Apple, Commodore, Ohio Scientific, Atari, and on other 6502-based micros.

This book, as well as forthcoming books in the series, is aimed at the user who wishes to utilize assembly language immediately. All routines have been debugged, tested and documented.



The book has 596 pages and sells for \$12.99 paperback. For more information:

> Kendal Anderson Osborne/McGraw Hill 630 Bancroft Way Berkeley, CA 94710 (415)548-2805

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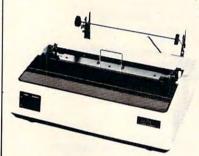
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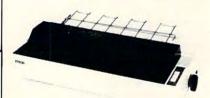
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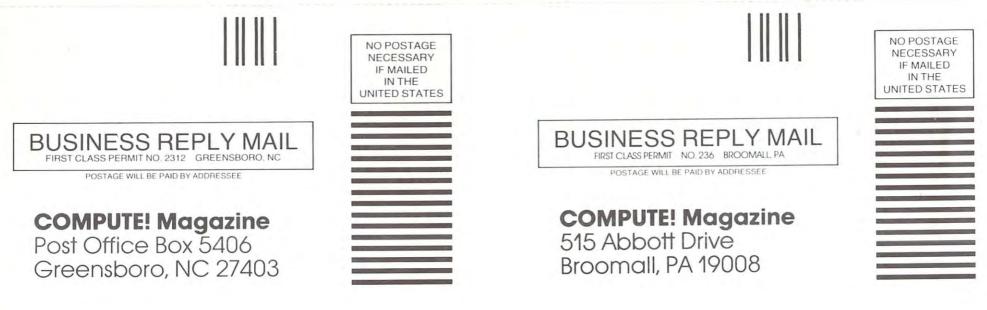
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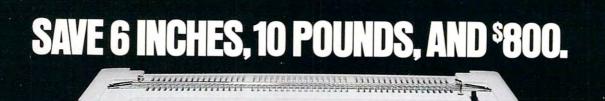


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at 40 cps; and its full 15" carriage lets it double in brass for both letter processing and business applications. You can plug it into almost any micro on the market (serial or parallel) simply by plugging it in. And then make it keep on trucking with inexpensive, easily available Diablo compatible daisy wheels and ribbons.

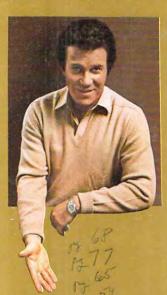
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(While making about as much noise as a cat walking on Kleenex.)

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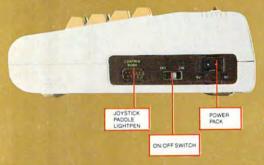
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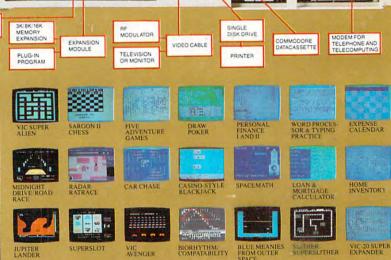
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VIC-20[®] VS. OTHER HOME COMPUTERS

PLUG-IN PROGRAMS

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Price*	\$299.95	\$458.95	\$499.00	\$399.00
Maximum RAM Memory	32K	16K	16K	32K
Keyboard Style	Full-Size Typewriter Style	Flat Plastic Membrane	Half-Size Typewriter Style	Calculator Style
Number of Keys	66	57	40	53
Programmable Function Keys	4	0	0	0
Graphic Symbols On Keyboard	62	0	0	0
Displayable Characters	512	256	64	256
Microprocessor	6502	6502	T1990	6809
Accessible Machine Language	YES	YES	NO	YES
Upper/Lower Case Characters	YES	YES	NO	NO
Operates with all Peripherals (Disk, Printer and Modem)	YES	NO	YES	YES
Full Screen Editor	YES	YES	NO	NO
Microsoft Basic	Standard	N/A	N/A	\$ 99.00
Telephone Modem	\$109.95	\$399.95	\$450.00	\$154.95



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Read the chart and see why COMPUTE! Magazine¹ calls the VIC-20 computer "an astounding machine for the price." Why BYTE² raves: "...the VIC-20 computer unit is unexcelled as a low-cost consumer computer." Why Popular Mechanics³ says "...for the price of around \$300, it's the only game in town that is more than just a game." And why ON COMPUTING INC⁴ exclaims: "What is inside is an electronic marvel... if it sounds as if I'm in love with my new possession, I am."

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