Beginner's Guide for the UCSD Pascal System

by Kenneth L. Bowles
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Beginner's Guide for the UCSD Pascal System

by Kenneth Bowles

Written by the originator of the University of California, San Diego (UCSD) Pascal Software System, this highly informative book is designed as an orientation guide for learning to use the UCSD Pascal System. For the novice, this book steps through the System, bringing the user to a sophisticated level of expertise. Once familiar with the System, you will find the book an invaluable reference tool for creating advanced applications.

The UCSD Pascal Software System, available from SofTech Microsystems Inc, 9494 Black Mountain Road, San Diego CA 92126, is a complete, general-purpose software package for users of microcomputers and minicomputers. The package offers a wealth of useful features, including:

- Programs which may be run without alteration on the DEC PDP-11 or General Automation minicomputers, the Western Digital Microengine or on 8080, 8085, Z80, 6502, 6800, 9900, or AM-100 based microcomputers (includes the popular Apple II and Radio Shack TRS-80 microcomputers).
- Ease of program development and use on a small, single-user computer with a display screen and one or more floppy-disk drives.
- A powerful Pascal compiler which supports interactive applications, strings, direct access disks, and separately compiled modules.
- A complete collection of development software: operating system, file handler, screen-oriented text editor, link editor, etc.

About the Author

Kenneth L. Bowles is Director of the Institute for Information Systems, an interdisciplinary research institute at the University of California, San Diego. Dr. Bowles organized the UCSD Pascal Project in 1974. The UCSD Pascal System has been licensed to over 1,000 individuals and organizations, and is currently in use on thousands of stand-alone systems. He earned his Ph.D. degree at Cornell University, and teaches an introductory problem-solving and computer-programming course which has grown to reach approximately 70 percent of the entire UCSD student population. Dr. Bowles is a Fellow of the IEEE, and has lectured extensively throughout the world. His major research interests include computer communications, software engineering, and educational applications of microcomputers. He is the author of numerous engineering research papers as well as the book, Microcomputer Problem-Solving Using Pascal (1977).