



## Assembly Language for x86 Processors

By Kip R. Irvine

Pearson Education (US), United States, 2014. Paperback. Book Condition: New. 7th edition. 239 x 183 mm. Language: English . Brand New Book. Assembly Language for x86 Processors, 7e is intended for use in undergraduate courses in assembly language programming and introductory courses in computer systems and computer architecture. This title is also suitable for embedded systems programmers and engineers, communication specialists, game programmers, and graphics programmers. Proficiency in one other programming language, preferably Java, C, or C++, is recommended. Written specifically for 32- and 64-bit Intel/Windows platform, this complete and fully updated study of assembly language teaches students to write and debug programs at the machine level. This text simplifies and demystifies concepts that students need to grasp before they can go on to more advanced computer architecture and operating systems courses. Students put theory into practice through writing software at the machine level, creating a memorable experience that gives them the confidence to work in any OS/machine-oriented environment. Teaching and Learning Experience This program presents a better teaching and learning experience-for you and your students. It will help: \*Teach Effective Design Techniques: Top-down program design demonstration and explanation allows students to apply techniques to multiple programming courses.\*Put Theory into Practice: Students...



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