



Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science)

By Sivarama P. Dandamudi

Download now

Read Online 

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi

This textbook introduces the reader to assembly language programming and its role in computer programming and design. The author concentrates on covering the 8086 family of processors up to and including the Pentium. The focus is on providing students with a firm grasp of the main features of assembly programming, and how it can be used to improve a computer's performance. All of the main features are covered in depth: stacks, addressing modes, arithmetic, selection and iteration, and bit manipulation; and amongst the advanced topics covered are: string processing, macros, interrupts and input/output handling, and interfacing with higher-level languages such as C. A particular strength is the discussion of the improvements in performance that can be achieved using assembly programming where appropriate. The book is based on several years of a successful course offered by the author and includes numerous hands-on exercises for students to undertake.

 [Download Introduction to Assembly Language Programming: Fro ...pdf](#)

 [Read Online Introduction to Assembly Language Programming: F ...pdf](#)

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science)

By Sivarama P. Dandamudi

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi

This textbook introduces the reader to assembly language programming and its role in computer programming and design. The author concentrates on covering the 8086 family of processors up to and including the Pentium. The focus is on providing students with a firm grasp of the main features of assembly programming, and how it can be used to improve a computer's performance. All of the main features are covered in depth: stacks, addressing modes, arithmetic, selection and iteration, and bit manipulation; and amongst the advanced topics covered are: string processing, macros, interrupts and input/output handling, and interfacing with higher-level languages such as C. A particular strength is the discussion of the improvements in performance that can be achieved using assembly programming where appropriate. The book is based on several years of a successful course offered by the author and includes numerous hands-on exercises for students to undertake.

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi Bibliography

- Sales Rank: #2914114 in Books
- Published on: 2000-10-06
- Original language: English
- Number of items: 1
- Dimensions: 1.46" h x 7.34" w x 9.52" l, 2.82 pounds
- Binding: Hardcover
- 644 pages



[Download](#) Introduction to Assembly Language Programming: Fro ...pdf



[Read Online](#) Introduction to Assembly Language Programming: F ...pdf

Download and Read Free Online Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi

Editorial Review

Users Review

From reader reviews:

Colleen Thompson:

Now a day folks who Living in the era where everything reachable by connect with the internet and the resources inside it can be true or not need people to be aware of each information they get. How people have to be smart in receiving any information nowadays? Of course the answer then is reading a book. Examining a book can help men and women out of this uncertainty Information especially this Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) book as this book offers you rich data and knowledge. Of course the knowledge in this book hundred per cent guarantees there is no doubt in it you know.

Patricia Smith:

Precisely why? Because this Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) is an unordinary book that the inside of the reserve waiting for you to snap it but latter it will surprise you with the secret that inside. Reading this book alongside it was fantastic author who else write the book in such amazing way makes the content inside easier to understand, entertaining means but still convey the meaning completely. So , it is good for you because of not hesitating having this any longer or you going to regret it. This book will give you a lot of benefits than the other book have such as help improving your proficiency and your critical thinking way. So , still want to hesitate having that book? If I were being you I will go to the publication store hurriedly.

Leo Rizer:

Are you kind of busy person, only have 10 as well as 15 minute in your time to upgrading your mind talent or thinking skill possibly analytical thinking? Then you are having problem with the book compared to can satisfy your limited time to read it because all this time you only find publication that need more time to be examine. Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) can be your answer as it can be read by a person who have those short free time problems.

Paul Ring:

On this era which is the greater person or who has ability to do something more are more valuable than other. Do you want to become one among it? It is just simple method to have that. What you should do is just spending your time not very much but quite enough to possess a look at some books. One of the books in the

top record in your reading list is usually Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science). This book which can be qualified as The Hungry Slopes can get you closer in turning into precious person. By looking upwards and review this publication you can get many advantages.

Download and Read Online Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi #HWP7J6ESCQO

Read Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi for online ebook

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi books to read online.

Online Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi ebook PDF download

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi Doc

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi Mobipocket

Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi EPub

HWP7J6ESCQO: Introduction to Assembly Language Programming: From 8086 to Pentium Processors (Undergraduate Texts in Computer Science) By Sivarama P. Dandamudi