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process of transforming a source code language into another computer language is called compiler. It is used to create executable programs.

Compiler design refers to the designing, planning, maintaining, and creating computer languages, by performing run-time organization,

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verifying code syntax, formatting outputs with respect to linkers and assemblers, and by generating efficient object codes. This book provides comprehensive insights into the field of compiler design. It aims to shed light on some of the unexplored aspects of the subject. The text

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the processor is central, making the approach radically distinct from contemporary practices of embedded systems design. They demonstrate why it is essential to take a computing-centric and system-design approach to the traditional elements of nonprogrammable components,

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