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Programming Language Design and Implementation - Wikipedia
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A programming language implementation is a system for executing computer programs. There are two general approaches to programming language implementation: interpretation and compilation. Interpretation is a method of executing a program. The program is read as input by an interpreter, which performs the actions written in the program. Compilation is a different process, where a compiler reads in a program, but instead of running the program, the compiler translates it into some other language,

Programming language implementation - Wikipedia
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CS4201: Programming Language Design and Implementation ...
This book aims to make programming language implementation as easy as possible. It will guide you through all the phases of the design and implementation of a compiler or an interpreter. You can learn the material in one or two weeks and then build your own language as a matter of hours or days.

Implementing Programming Languages
pldi Programming Language Design and Implementation. PLDI is a forum where researchers, developers, educators, and practitioners exchange information on the latest practical and experimental work in the design and implementation of

programming languages. PLDI seeks original research papers that focus on the design, implementation, development, and use of programming languages.

PLDI Conference - Home
ACM SIGPLAN Symposium on Principles of Programming Languages (POPL). A conference to discuss aspects of programming languages. ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI). A conference not only about design but also about implementation. I'm very excited to attend this year, so expect a blogpost about it.

Programming language design and compilers: where to start?
Programming Language Design and Implementation (4th Edition) by T. Pratt and M. Zelkowitz Prentice Hall, 2001 Book sections: ⬜Section 1.5 ⬜Section 2.2.4 ⬜Section 6.5 ⬜Appendix A.2 ⬜Appendix A.3 ⬜Appendix A.5 Three generations of programming language These three languages all have the same basic syntax.