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Compiling takes the source code from a low-level programming language and converts it into machine code.  
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This is interpreted into machine code.  
The choice of language used is subject to many considerations, such as company policy, suitability to task, availability of third-party packages, or individual preference.  
Compilers harnessed the power of computers to make programming easier by allowing programmers to specify calculations by entering a formula using infix notation.  
Integrated development environments (IDEs) aim to integrate all such help.  
 A similar technique used for database design is Entity-Relationship Modeling (ER Modeling).