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. This can be a non-trivial task, for example as with parallel processes or some unusual software bugs. The Unified Modeling Language (UML) is a notation used for both the OOAD and MDA. Allen Downey, in his book How To Think Like A Computer Scientist, writes: Many computer languages provide a mechanism to call functions provided by shared libraries. A study found that a few simple readability transformations made code shorter and drastically reduced the time to understand it. Languages form an approximate spectrum from "low-level" to "high-level"; "low-level" languages are typically more machine-oriented and faster to execute, whereas "high-level" languages are more abstract and easier to use but execute less quickly. Popular modeling techniques include Object-Oriented Analysis and Design (OOAD) and Model-Driven Architecture (MDA). Readability is important because programmers spend the majority of their time reading, trying to understand, reusing and modifying existing source code, rather than writing new source code. Text editors were also developed that allowed changes and corrections to be made much more easily than with punched cards. A similar technique used for database design is Entity-Relationship Modeling (ER Modeling). There are many approaches to the Software development process. There are many approaches to the Software development process. Some languages are very popular for particular kinds of applications, while some languages are regularly used to write many different kinds of applications. Machine code was the language of early programs, written in the instruction set of the particular machine, often in binary notation. By the late 1960s, data storage devices and computer terminals became inexpensive enough that programs could be created by typing directly into the computers. Sometimes software development is known as software engineering, especially when it employs formal methods or follows an engineering design process. For this purpose, algorithms are classified into orders using so-called Big O notation, which expresses resource use, such as execution time or memory consumption, in terms of the size of an input. Proficient programming usually requires expertise in several different subjects, including knowledge of the application domain, details of programming languages and generic code libraries, specialized algorithms, and formal logic. Ideally, the programming language best suited for the task at hand will be selected. This can be a non-trivial task, for example as with parallel processes or some unusual software bugs. Debugging is a very important task in the software development process since having defects in a program can have significant consequences for its users. Allen Downey, in his book How To Think Like A Computer Scientist, writes: Many computer languages provide a mechanism to call functions provided by shared libraries. Code-breaking algorithms have also existed for centuries.