Computer programming or coding is the composition of sequences of instructions, called programs, that computers can follow to perform tasks. Integrated development environments (IDEs) aim to integrate all such help. Computer programmers are those who write computer software. This can be a non-trivial task, for example as with parallel processes or some unusual software bugs. There are many approaches to the Software development process. Many programmers use forms of Agile software development where the various stages of formal software development are more integrated together into short cycles that take a few weeks rather than years. Also, specific user environment and usage history can make it difficult to reproduce the problem. Some languages are very popular for particular kinds of applications, while some languages are regularly used to write many different kinds of applications. Some languages are very popular for particular kinds of applications, while some languages are regularly used to write many different kinds of applications. It is usually easier to code in "high-level" languages than in "low-level" ones. 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. Debugging is often done with IDEs. Standalone debuggers like GDB are also used, and these often provide less of a visual environment, usually using a command line. Whatever the approach to development may be, the final program must satisfy some fundamental properties. It involves designing and implementing algorithms, step-by-step specifications of procedures, by writing code in one or more programming languages. Sometimes software development is known as software engineering, especially when it employs formal methods or follows an engineering design process. Scripting and breakpointing is also part of this process. Methods of measuring programming language popularity include: counting the number of job advertisements that mention the language, the number of books sold and courses teaching the language (this overestimates the importance of newer languages), and estimates of the number of existing lines of code written in the language (this underestimates the number of users of business languages such as COBOL). Many factors, having little or nothing to do with the ability of the computer to efficiently compile and execute the code, contribute to readability. In the 9th century, the Arab mathematician Al-Kindi described a cryptographic algorithm for deciphering encrypted code, in A Manuscript on Deciphering Cryptographic Messages. Use of a static code analysis tool can help detect some possible problems. It is usually easier to code in "high-level" languages than in "low-level" ones. However, readability is more than just programming style. While these are sometimes considered programming, often the term software development is used for this larger overall process – with the terms programming, implementation, and coding reserved for the writing and editing of code per se.