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Computer Science : Programming Languages, Compilers, Interpreters

Grogono, Peter

Programming with Turing and Object Oriented Turing

The programming language Thring is named for the British mathematician and computer scientist Alan Mathison Turing (1912-1954). Turing's contributions to computer science began in 1936, when he published a landmark paper on the limits of mechanical computation. The mathematical model introduced in the paper is now known as a Turing machine and forms the basis of the modern theory of computability. During World War II, Turing played an important role in the design of the Colossus, an electronic machine that deciphered coded messages. In 1951, he proposed a test, now called the Turing test, to answer the question: Can a machine think? Today, the most distinguished award given by the world's largest association for computing professionals, the Association for Computing Machinery, is called the Turing Award. The programming language Thring was designed by Richard C. Holt and James R. Cordy at the University of Toronto as a first language for computer science courses. Thring is a practical language suited to general-purpose applications.

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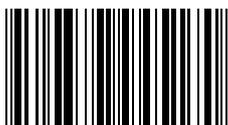
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