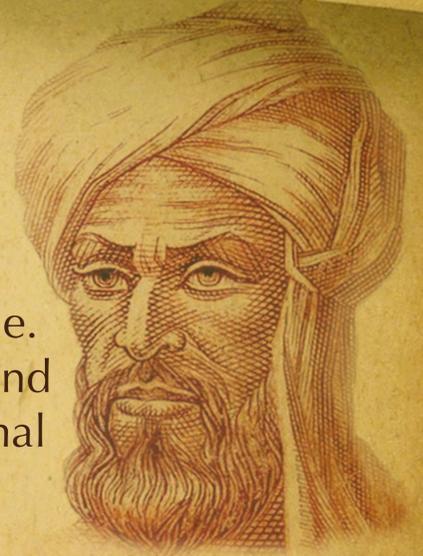


Father of Algorithms

Mohammad Ibn Musa
Al-Khwarizmi
780-850 CE

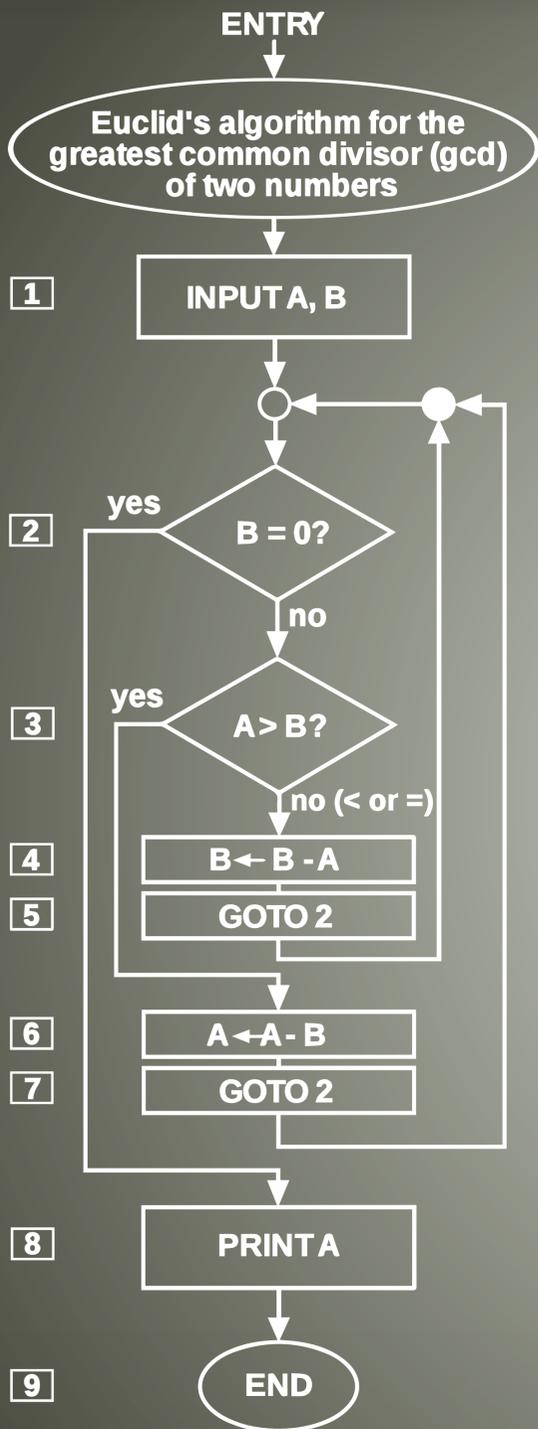


Algoritmi

Mohammad Ibn Musa Al-Khwarizmi was one of the greatest scientists of his time. He was a mathematician, an astronomer and a geographer. He introduced the decimal positional number system to the world. He made a great contribution to Mathematics when he developed "Algebra" (derived from the word Al-Jabr) and "algorithms" to which he gave his name.

His wrote "*The Compendious Book on Calculation by Completion and Balancing*" which presented the first systematic solution of linear and quadratic equations in Arabic. In 1145 CE, the book was translated into Latin by Robert of Chester (Robertus Castrensis). It was used until the sixteenth century as the principal mathematical text-book of European universities.

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Without algorithms, it is impossible to operate a computer or a laptop

In mathematics and computer science, an algorithm is a programming procedure that tells your computer precisely what steps to take to solve a problem or reach a goal. The ingredients are called inputs, while the results are called the outputs. Algorithms can perform calculation, data processing and automated reasoning tasks.



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