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Special projects - D. Andersen

Primes.8xp

Description:

The program finds all prime numbers up to a given maximum, which cannot exceed 999. The program uses the Sieve of Eratosthenes to calculate primes. The sieve finds primes by eliminating all multiples of prime numbers.

First the program calls ERASPLAS.8XP to provide a splash screen which says "THE SIEVE OF ERATOSTHENES". Then you are prompted to input a number less than 1000. Finally, it displays prime numbers in a 4x7 grid. If the primes do not fit on one screen, the user can hit enter to see the next set of numbers.