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Problem Set 2

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Problem 1

You may use any language

From wikipedia, a prime number is defined as "A natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers". Prime numbers are extremely important in the field of mathematics, as they are the building blocks of whole numbers.

Prime numbers are used extensively in cryptography (look up RSA Algorithm) that allow logins, bank accounts, and credit numbers to stay encrypted online.

Prime numbers include 2, 3, 5, 7, 11, 13, 17... and so on; its factors are only 1 and itself.

TASK: Read in an integer input n and print all the prime factors of the number.