

**Thema der Aufgabe:**

Prime Time

**Aufgabenbeschreibung:**

Using the C++ language, have the function primeTime (N) take the parameter N being passed and determine if a given number is a **prime** number which means it is only divisible by 1 and itself. The first few primes are: 2, 3, 5, 7, 11, ... To solve this challenge, we'll create a loop that will run from the number 2 to N checking if N is evenly divisible by any number in the list. If N is divisible by some number it means that there is no remainder, so we'll be using the *modulo* function for this challenge

For example: if N = 9 we start a loop from 2 to 8

9 / 2 gives a remainder of 1

9 / 3 gives a remainder of 0 which means 9 is not a prime!

**Eingabe:**

- 5

**Ausgabe:**

- 2 (prime), 3 (prime), 4 (no prime)

**Beispiel:**

- Siehe Eingabe/Ausgabe!

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