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Every number that can be a Carmichael numbers has to be composite, so I used the method isComposite (which checks if the number is different from 1 and not prime) to check that. After checking if the number is composite , I created a list with all relatively prime numbers(gcd is 1) with respect to the number n. Then for every pair (n,a) ,(a belongs to the list of relatively primes of n) i checked if a^n-1==1 mod n. If that was true for all the a’s of n , then n is a carmichael number.I repeated this for every number from 1 to the given boundary.