A natural number n is special if and only if n is a prime number and the sum of all the digits of n is also a prime number. Write a function that determines if a natural number is a special or not.

Input:

int n: a natural number n. 0 <= n <= 1000

Output:

bool: return true if n is special, return false otherwise

**For example:**

| **Test** | **Input** | **Result** |
| --- | --- | --- |
| int n;  cin >> n;  cout << isSpecialNumber(n); | 23 | 1 |
| int n;  cin >> n;  cout << isSpecialNumber(n); | 7 | 1 |