

```
// verify if a number is prime

start
let integer a
read a
let integer i
let boolean isPrime = false
for i from 1 to (a / 2)
    if (a % i) == 0 then
        isPrime = true
    stop if
stop for
if isPrime == true then
    print "The number is prime !"
else then
    print "The number isn't prime !"
stop if
stop
```