FINISH

Print(“please input a positive number.”)

print(“zero is considered as a non prime number.”)

No

Yes

Yes

The number is 0

print(“number 1 is by definition cannot be a prime number.”)

Yes

No

The number is 1

No

Is the number bigger than 1

Input number

START

FINISH

Print(number,”is a prime number.”)

Print(number,”is not a prime number.”)

Yes

No

Print(number,”is divisible by”,a)

b=1

a+=1

Yes

a+=1

No

Is the result

zero

Number mod a

Yes

No

Is b equal to 1

Is the number bigger than “a”