```python
num=200
```

```python
if num > 1:
    # check for factors
    for i in range(2,num):
        if (num % i) == 0:
            print(num,"is not a prime number")
            break
    else:
        print(num,"is a prime number")

# if input number is less than
# or equal to 1, it is not prime
else:
    print(num,"is a composite number")
```

```
200 is not a prime number
```