

`s = 'python'`

0 1 2 3 4 5  
-6 -5 -4 -3 -2 -1

0 1 2 3 4 5

$\text{range}(0, 6) \Rightarrow \text{python}$   
 $\text{range}(5, -1, -1) \Rightarrow \text{nohtyp}$

-1 -2 -3 -4 -5 -6

$\text{range}(-6, 6) \Rightarrow \text{python}$   
 $\text{range}(-1, -7) \Rightarrow \text{nohtyp}$

num = 8.

~~\*~~ 2 3 4 5 6 7 ~~8~~

①

2 3 4 5 6 7

count = 0  
for i in range(2, num)

②

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 8%2 | 8%3 | 8%4 | 8%5 | 8%6 | 8%7 |
| 0   | 2   | 0   | 3   | 2   | 1   |

if num % i == 0  
count = count + 1

③

count divisible.

④

count is 0 (prime)  
count is not 0 (not a prime)

if count == 0:  
print('prime')  
else:  
print('not a prime')

```
for i in range(1,6):  
    if i == 6:  
        break  
    print(i,end=' ')  
else:  
    print('Thank you')
```

↓ 0   ↓ 1   ↓ 2   ↓ 3   ↓ 4  
1   2   3   4   5

1 2 3 4 5 - Thank you