How many fibs

```python
def countFibs(low, high):
    f1, f2, f3 = 0, 1, 1
    result = 0
    while (f1 <= high):
        if (f1 >= low):
            result += 1
        f1 = f2
        f2 = f3
        f3 = f1 + f2

    return result

while(True):
    low,high = map(int, input().split())
    if(low==0 and high==0):
        break
    print(countFibs(low,high))
```

Output

```
10 100
5
1234567890 9876543210
4
0 0
```