```python
'''
Title: - Create a model for the following functions using Python

1. Factorial

2. Even or Odd

3. Reverse a string

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'''


def fact(n):
    if n == 0 or n == 1:
        return 1
    else:
        return n * fact(n-1)


def even_odd(n):
    if n % 2 == 0:
        return "even"
    else:
        return "odd"


def rev(s):
    return s[::-1]


def fibonacci(n):
```

```python
if n <= 0:
    return 0
elif n == 1:
    return 1
else:
    return fibonacci(n-1) + fibonacci(n-2)
```