代码

```python
n = int(input())
print(n,end = '')
while(n != 1):
    if(n % 2 == 0):
        n /= 2
    else:
        n = 3 * n + 1
    print(',',int(n),sep='',end='')
```

运行结果

27
27,82,41,124,62,31,94,47,142,71,214,107,322,161,484,242,121,364,182,91,274,137,412,206,
103,310,155,466,233,700,350,175,526,263,790,395,1186,593,1780,890,445,1336,668,334,167,
502,251,754,377,1132,566,283,850,425,1276,638,319,958,479,1438,719,2158,1079,3238,1619,
4858,2429,7288,3644,1822,911,2734,1367,4102,2051,6154,3077,9232,4616,2308,1154,577,1732
,866,433,1300,650,325,976,488,244,122,61,184,92,46,23,70,35,106,53,160,80,40,20,10,5,16
,8,4,2,1