```java
import java.math.BigInteger;
public class Solution {

public static void main(String[] args)
{
int number = 1000000;
long sequenceLength = 0;
long startingNumber = 0;
long sequence;

for (int i = 2; i <= number; i++) {
    int length = 1;
    sequence = i;
    while (sequence != 1) {
        if ((sequence % 2) == 0) {
            sequence = sequence / 2;
        } else {
            sequence = sequence * 3 + 1;
        }
        length++;
    }

    if (length > sequenceLength) {
        sequenceLength = length;
        startingNumber = i;
    }
    }

System.out.print(startingNumber);

}

}
```