**Oppenheimer - 2**

Max Score: 11

Bad news, the bomb has a second phase to its password. You have to make an algorithm to solve what fibonacci number the value is, or if it even is a fibonacci number.

The first 10 fibonacci numbers are as followed (they are the sum of the last two numbers in the sequence):

* =1
* =1
* =1+1 = 2
* =1+2 = 3
* =2+3 = 5
* =3+5 = 8
* =5+8 = 13
* =8+13 = 21
* =13+21 = 34
* =21+34 = 55

**Input Format**

An integer *m*

**Constraints**

No constraints

**Output Format**

Either *False* if m is not a fibonacci number, or *True* followed by a space and which fibonacci number *m* is.

**Sample Input 0**

2584

**Sample Output 0**

True 18

**Sample Input 1**

7

**Sample Output 1**

False