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CODEKATA

numbers 19

19

numbers

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A 'zx' number is a number which is formed from the sum of 3 numbers ,and the three numbers are such that their hcf equal to 1.

You are given a number.You have to tell whether the number is 'zx' or not,if yes then print the three numbers else 0

**Input Description:**

You are given a number 'n'

**Output Description:**

Print the three numbers if n is 'zx' number in ascending order else 0

**Sample Input :**

7

**Sample Output :**

2 3 2

Code Editor

PYTHON 3



```
1 a = int(input())
2 prime = []
3 for i in range(2, a+1):
4     for j in range(2, i):
5         if i % j == 0:
6             break
7     else:
8         prime.append(i)
9 ans = []
10 rem = []
11 i = 0
12 s = 0
13 for i in prime:
14     s += i
15     if s <= a:
16         ans.append(i)
```

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