## **Planting Trees**

In a particular field, there are trees in a single row from left to right. Each tree has a value V. You cut trees from left to right and for each tree of value V that you cut, you plant (V + 1) % M trees on the right most end with values ranging from 0 to

((V + 1) % M) - 1.

Initially, there was only one tree with value 2. Find the total number of trees present after cutting K trees.

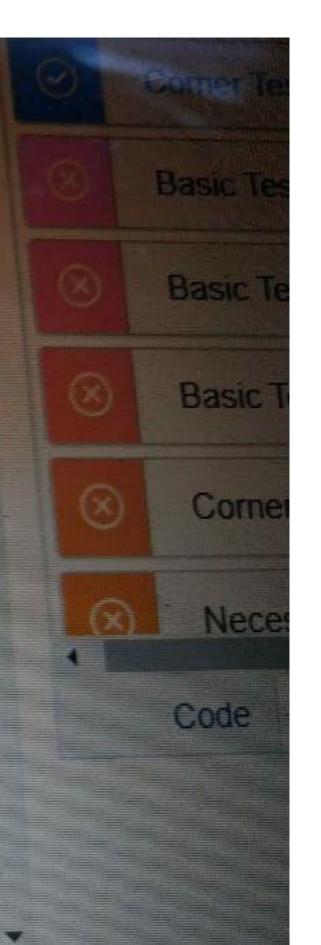
che - - in the field

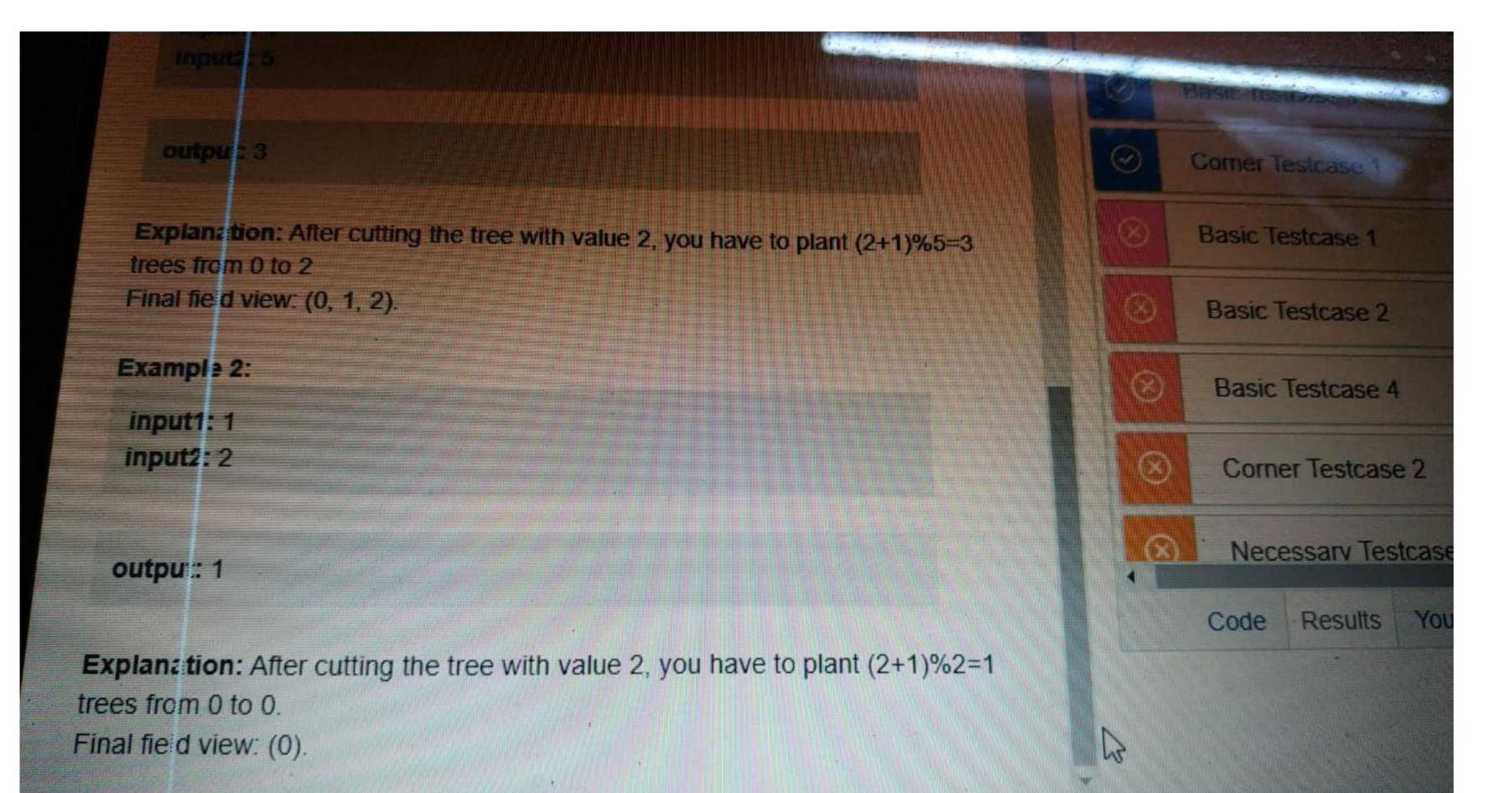
# Input Specification:

input1: K, denoting the number of trees that are cut.

input2: M, denoting the modulus value.

**Output Specification:** 





#### Input Specification:

input: K, denoting the number of trees that are cut.
input: M, denoting the modulus value.

#### **Output Specification:**

Your finction should return the total number of trees in the field.

### Example 1:

input1: 1

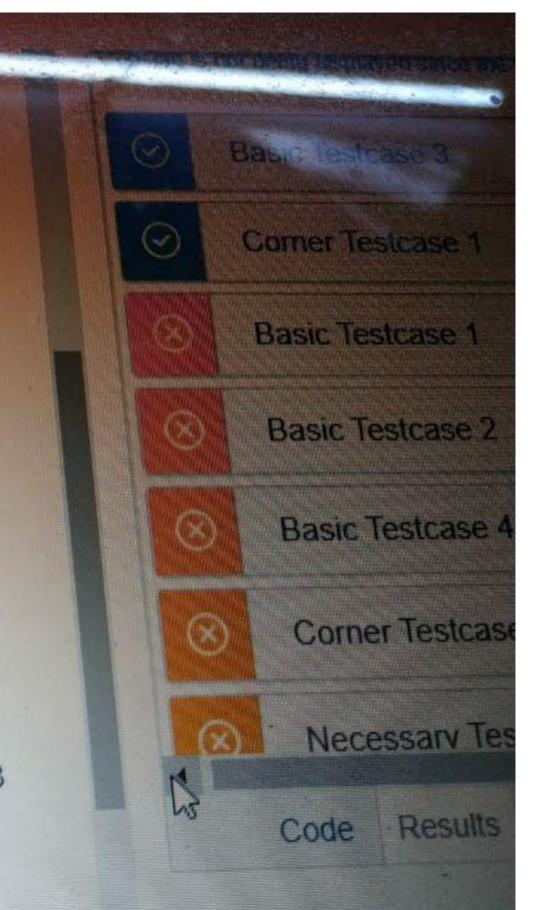
input2: 5

outpu:: 3

Explanation: After cutting the tree with value 2, you have to plant (2+1)%5=3

trees from 0 to 2

Final fie'd view: (0, 1, 2).



#### Question :

#### Planting Trees

In a particular field, there are trees in a single row from left to right. Each tree has a value V. You cut trees from left to right and for each tree of value V that you cut, you plant (V + 1) % M trees on the right most end with values ranging from 0 to

((V+1) % M) - 1.

Initially, there was only one tree with value 2. Find the total number of trees present after cutting K trees.

# Input Specification:

input1: K, denoting the number of trees that are cut.

input2: M, denoting the modulus value.

## Output Specification:

Your function should return the total number of trees in the field.