Egg Dropping Puzzle

You are given **N** identical eggs and you have access to a **K**-floored building from **1** to **K**.

There exists a floor **f** where **0** <= **f** <= **K** such that any egg dropped at a floor higher than **f** will break, and any egg dropped **at or below** floor **f** will **not break**. There are few rules given below.

- An egg that survives a fall can be used again.

- A broken egg must be discarded.

- The effect of a fall is the same for all eggs.

- If the egg doesn't break at a certain floor, it will not break at any floor below.

- If the eggs breaks at a certain floor, it will break at any floor above.

Return the minimum number of moves that you need to determine with certainty what the value of **f** is.

For more description on this problem see wiki page

Example 1:

Input:

N = 1, **K** = 2

Output: 2

Explanation:

1. Drop the egg from floor 1. If it

   breaks, we know that f = 0.

2. Otherwise, drop the egg from floor 2.

   If it breaks, we know that f = 1.

3. If it does not break, then we know f = 2.

4. Hence, we need at minimum 2 moves to

   determine with certainty what the value of f is.

Example 2:

Input:

N = 2, K = 10

Output: 4

Your Task:
Complete the function **eggDrop()** which takes two positive integer N and K as input parameters and returns the minimum number of attempts you need in order to find the critical floor.

Expected Time Complexity : O(N*(K^2))
Expected Auxiliary Space: O(N*K)

Constraints:
1<=N<=200
1<=K<=200