**Question\_2**

**Reference:** https://www.geeksforgeeks.org/egg-dropping-puzzle-dp-11/

**Time Complexity**: O (N \* log K)

**Auxiliary Space:** O (N)

Follow the below steps to solve the problem:

1. Create an array dp of size R+1 and an integer m
2. Run a for loop from m equal to zero till dp[R] < k
3. Run a nested for loop from x equal to n till x is greater than zero
4. Set dp[x] equal to 1 + dp[x-1]
5. Return m