424. Longest Repeating Character Replacement

This I found actually quite tricky. Given in the problem, we need to find a maximum same character repeating substring and maximum of k character is allowed.

In the question it is given there will be be a string s and number of operations k allowed. We have to find what is the maximum length of same character substring that can form out of it.

The solution is as follows:

- 1. We take left and right pointers.
- 2. We keep count of frequency of the characters in a hashmap.
- We increment the right pointer upto the end of the string and keep updating the count frequency and want to find which character is the most occurring in a window with a maxCnt.
- 4. If the number of non majority character is greater than k, we update left pointer++ and reduce the count frequency of character at left pointer.
- In the loop, we keep track of largest sliding window we can obtain within k operations.
- 6. Return the answer.

ABBAAB WZZ A MILLI MZZ (1-14/2) MZZ (2-162) MZZ (4-2 (2) MZ (4-2 (2) MZZ (4-2 (2