LeetCode

5. Longest Palindromic Substring

[(3) Longest Palindromic Substring - LeetCode](#)

```java
Code: // JAVA

class Solution {

    public static String check(String s,int start,int end){
        while(start >=0 && end <=s.length()-1 && s.charAt(start) == s.charAt(end)){
            start--;
            end++;
        }
        return s.substring(start+1, end);
    }

    public static String longestPalindrome(String s) {
        if(s.isEmpty()){
            return "Enter a String . ";
        }
        if(s.length()==0){
            return s;
        }
        String longest = s.substring(0,1);
        for(int i=0;i<s.length();i++){
            String temp = check(s,i,i);
            if(temp.length() > longest.length()) {
                longest = temp;
            }

            temp = check(s, i, i + 1);
            if (temp.length() > longest.length()) {
                longest = temp;
            }
        }
        return longest;
    }
}
```