

C++ Strings Lab 'B' Assignments 9-1-2023

1.	<p>Code to check if the given string is a rotated palindrome or not.</p> <p>Given a string, check if it is a rotated palindrome or not.</p> <p>Input : CBAABCD</p> <p>Output : Yes.</p> <p>Explanation : CBAABCD is a rotated palindrome as it is a rotation of palindrome ABCDCBA.</p> <p>Input : BAABCC Output : Yes</p> <p>Explanation : BAABCC is a rotated palindrome as it is a rotation of palindrome ABCCBA</p> <p>Inpt : CBADD output : No</p>
2.	<p>Code to check if the given string is a Fibonacci string or not.</p> <p>Input : 112358</p> <p>Output: Yes</p> <p>Explanation : $1 + 1 = 2$, $1+2=3$, $2+3=5$, $3+5=8$</p> <p>Input : 2356</p> <p>Output : No</p> <p>Input : 4596156112</p> <p>Output: Yes</p> <p>Explanation : $4+5 = 9$, $9+6 = 15$, $1+5 = 6$, $5+6=11$, $1+1=2$</p>
3.	<p>Code to find the maximum length contiguous palindrome substring of a given string .</p> <p>Example1: the longest palindromic substring of "bananas" is "anana".</p> <p>Example2: The longest palindromic substring of "abdcbcdbdcbbc" is "bdcdbcb".</p>
4.	<p>Code to remove adjacent duplicates from a given array of characters iteratively and also recursively.</p> <p>Input : A = { 'N', 'I', 'P', 'M', 'M', 'P', 'T', 'R', 'S', 'S', 'R', 'W' }</p> <p>Output : NITW</p>
<p>Education is Not a problem</p> <p>Education is Notable opportunity</p> <p>Education Needs Taught</p> <p>Education Breeds Thought</p> <p>Education is Not Received</p> <p>Education is Practiced</p> <p style="color: red; font-weight: bold; margin-top: 10px;">- KR</p>	