Palidrome recursion code

public static boolean isPalindrome(String in){

if(in.equals(" ") || in.length() < 2 ) return true;

if(in.charAt(0).equalsIgnoreCase(in.charAt(in.length-1))

return isPalindrome(in.substring(1,in.length-2));

else

return false;

}

Or

String str = prepareString(originalString); //make upper case, remove some characters

isPalindrome(str);

public boolean isPalindrome(String str) {

return str.length() == 1 || isPalindrome(str, 0);

}

private boolean isPalindrome(String str, int i) {

if (i > str.length / 2) {

return true;

}

if (!str.charAt(i).equals(str.charAt(str.length() - 1 - i))) {

return false;

}

return isPalindrome(str, i+1);

}

Or

public class Test {

public static boolean isPalindrome(String s) {

return s.length() <= 1 ||

(s.charAt(0) == s.charAt(s.length() - 1) &&

isPalindrome(s.substring(1, s.length() - 1)));

}

public static boolean isPalindromeForgiving(String s) {

return isPalindrome(s.toLowerCase().replaceAll("[\\s\\pP]", ""));

}

public static void main(String[] args) {

// True (odd length)

System.out.println(isPalindrome("asdfghgfdsa"));

// True (even length)

System.out.println(isPalindrome("asdfggfdsa"));

// False

System.out.println(isPalindrome("not palindrome"));

// True (but very forgiving :)

System.out.println(isPalindromeForgiving("madam I'm Adam"));

}

}

Or

import java.util.Scanner;

public class Palindromes

{

public static boolean isPal(String s)

{

if(s.length() == 0 || s.length() == 1)

// if length =0 OR 1 then it is

return true;

if(s.charAt(0) == s.charAt(s.length()-1))

// check for first and last char of String:

// if they are same then do the same thing for a substring

// with first and last char removed. and carry on this

// until you string completes or condition fails

return isPal(s.substring(1, s.length()-1));

// if its not the case than string is not.

return false;

}

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("type a word to check if its a palindrome or not");

String x = sc.nextLine();

if(isPal(x))

System.out.println(x + " is a palindrome");

else

System.out.println(x + " is not a palindrome");

}

}