// Palindrome CharCount StringCompare CharOccurance ReverseString SplitSentence StartEndCheck

23BCE7416

/\*public class Palindrome {

public static void main(String[] args) {

String str = "SASASAS";

boolean isPalindrome = true;

for (int i = 0; i < str.length() / 2; i++) {

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

isPalindrome = false;

break;

}

}

System.out.println("Is palindrome: " + isPalindrome);

}

}\*/

/\*public class CharCount {

public static void main(String[] args) {

String str = "SAshank\*@!";

int vowels = 0;

int consonants = 0;

int digits = 0;

int specialChars = 0;

str = str.toLowerCase();

for (int i = 0; i < str.length(); i++) {

char ch = str.charAt(i);

if ("aeiou".indexOf(ch) != -1) vowels++;

else if (ch >= 'a' && ch <= 'z') consonants++;

else if (Character.isDigit(ch)) digits++;

else specialChars++;

}

System.out.println("Vowels: " + vowels);

System.out.println("Consonants: " + consonants);

System.out.println("Digits: " + digits);

System.out.println("Special Characters: " + specialChars);

}

}\*/

/\*public class StringCompare {

public static void main(String[] args) {

String str1 = "Sashank";

String str2 = "Shashank";

if (str1.equals(str2)) {

System.out.println("Strings are equal (ignoring case)");

} else {

System.out.println("Strings are not equal");

}

}

}\*/

/\*public class CharOcc {

public static void main(String[] args) {

String str = "kadaliiiiiiiii";

char ch = 'i';

int first = str.indexOf(ch);

int last = str.lastIndexOf(ch);

System.out.println("First occurrence: " + first);

System.out.println("Last occurrence: " + last);

}

}\*/

/\*public class ReverseString {

public static void main(String[] args) {

String str = "ILADAK KNASAS";

String reversed = "";

for (int i = str.length() - 1; i >= 0; i--) {

reversed += str.charAt(i);

}

System.out.println("Reversed string: " + reversed);

}

}\*/

/\*public class SplitSentence {

public static void main(String[] args) {

String sentence = "HELLO Bhaii logg mera nam hai Sasank. Arigatho!!";

String[] words = sentence.split(" ");

for (String word : words) {

System.out.println(word);

}

}

}\*/

/\*public class StartEndCheck {

public static void main(String[] args) {

String str = "HELLO BAHHIIII";

boolean starts = str.startsWith("HELLO");

boolean ends = str.endsWith("BAHHIIII");

System.out.println("Starts with 'Java': " + starts);

System.out.println("Ends with 'powerful': " + ends);

}

}\*/