String class

String str = new String(“This is a STRING”);

int lengthOfStr = str.length();
char firstCharacter = str.charAt(0);
String str2 = str.toLowerCase();
Palindromes
A palindrome is a word or phrase that can be read the same way forward and backward.

Examples:
racecar
civic
UFO tofu
I prefer pi.
Was it a car or a cat I saw?
Palindrome Problem

Write a method that takes in a String and returns whether that String is a palindrome.

Use:

.trim() //converts the string to all lower case
.charAt(int i) //returns the char at integer i
.length() //returns the length of the string
Random class

Random random = new Random();

int aRandomNumber = random.nextInt();
Weather Problem

Oklahoma's weather seems really random sometimes. Write a method that tells us what tomorrow's temperature is going to be by picking a random number between 30 and 100 F.

Use:

nextInt(int max);