Please write a paragraph for **two (2)** of the above prompts and include URLs from where you found the information to cite your sources.

Select five methods from the String JavaDocs and describe the following for each:
1) what the method signature is,
2) what the method does, and
3) why would this method be useful (how could you use it)?

equals(String str) equalsIgnoreCase(String str)	Compare two Strings, case specific or ignoring case	Boolean
substring()	Returns a new String that is a substring of the given string	String
toLowerCase() toUpperCase()	Converts a string to all lower case or all upper case	String
trim()	Returns a String after removing leading and trailing white spaces from input String	String
length()	Used to find the length of a String, counts number of characters including white space	Int

Source: Java - String Class and its methods explained with examples (beginnersbook.com)

Select five methods from the Array JavaDocs and describe the following for each:
1) what the method signature is,
2) what the method does, and
3) why would this method be useful (how could you use it)?

String[] cArray = new String[]{"a","b","c","d","e"};	Declare an array	
ArrayList<String> arrayList = new ArrayList<String>(Arrays.asList(stringArray));	Create an ArrayList from an array	
boolean b = Arrays.asList(stringArray).contains("a");	Check if an array contains a certain value	
String j = StringUtils.join(new String[] { "a", "b", "c" }, ", ");	Joins the elements of the provided array into a single String	
deepEquals(Object[] m1, Object[] m2)	Returns true in case the two mentioned arrays are deeply equal to the other array or not	

Source: Array Methods in Java | Top 8 Useful Methods of Array In Java Program (educba.com)

Source: Top 10 Methods for Java Arrays (programcreek.com)