

STRINGS SOLUTIONS

Solution 1:

```
public class Solution {
  public static void main(String[] args) {
     String str = new Scanner(System.in).next();
     int count = 0;

     for(int i=0; i<str.length(); i++) {
        char ch = str.charAt(i);
        if(ch == 'a' || ch == 'e' || ch == 'i' || ch == 'u') {
            count++;
        }
    }
    System.out.println("count of vowels is :" + count);
}</pre>
```

Solution 2: Output will be:

false true

(If you need an explanation, please r-ewatch the video about how Strings work in memory?)

Solution 3: Output will be:

ApnaCoege

Following are some methods in Java which are used to replace characters:

| String | replace(char oldChar, char newChar) Returns a new string resulting from replacing all occurrences of oldChar in this string with newChar. |
|--------|---|
| String | replace(CharSequence target, CharSequence replacement) Replaces each substring of this string that matches the literal target sequence with the specified literal replacement sequence. |
| String | replaceAll(String regex, String replacement) Replaces each substring of this string that matches the given regular expression with the given replacement. |
| String | replaceFirst(String regex, String replacement) Replaces the first substring of this string that matches the given regular expression with the given replacement. |



Solution 4:

```
import java.util.Arrays;
public class Solution {
 public static void main(String[] args) {
       str1 = str1.toLowerCase();
       str2 = str2.toLowerCase();
       if(str1.length() == str2.length()) {
            char[] str1charArray = str1.toCharArray();
            char[] str2charArray = str2.toCharArray();
           Arrays.sort(str1charArray);
            Arrays.sort(str2charArray);
anagram
           boolean result = Arrays.equals(str1charArray, str2charArray);
               System.out.println(str1 + " and " + str2 + " are anagrams of each
other.");
               System.out.println(str1 + " and " + str2 + " are not anagrams of
each other.");
          System.out.println(str1 + " and " + str2 + " are not anagrams of each
other.");
```