AP Computer Science A
Ticket Out the Door
Set 14: Advanced *String* Methods

Name _____ Period _____

Skill 14.1 Exercise 1

Refer to the code below to answer the following

```
String s = "\t\tLucky hocky puck\t\t";
String m = "uck";
String n = "puck";
int j = 6, z = 99;
```

`int k = s.indexOf(m);` `System.out.println(k);`	
`int k = s.indexOf('c');` `System.out.println(k);`	
`char p = s.charAt(7);` `System.out.println(p);`	
`int k = s.indexOf(z);` `System.out.println(k);`	
`int k = s.indexOf('y', j);` `System.out.println(k);`	
`char p = s.charAt(z - 90);` `System.out.println(p);`	
`int k = s.indexOf(m, 15);` `System.out.println(k);`	
`int k = s.indexOf(z + 2, 4);` `System.out.println(k);`	
`boolean k = s.contains(m);` `System.out.println(k);`	
`String str = s.trim();` `System.out.println("+"+str+"+");`	
`System.out.println(m.compareTo(n));`	

AP Computer Science A
Ticket Out the Door
Set 14: Advanced *String* Methods

Name _____ Period _____

Skill 14.1 Exercise 2

Write code that could be used to alphabetize the Strings s1, s2, and s3 as shown below,

Values of Strings s1, s2, and s3 before	**Values of s1, s2, and s3 after**

`String s1 = “cat”;`
`String s2 = “car”;`
`String s3 = “dog”;`
	`String s1 = “car”;`
	`String s2 = “cat”;`
	`String s3 = “dog”;`

`String s1 = “dog”;`
`String s2 = “cat”;`
`String s3 = “car”;`
	`String s1 = “car”;`
	`String s2 = “cat”;`
	`String s3 = “dog”;`

Skill 14.2 Exercise 1

Consider the string below. Write code that will (a) count all the words and (b) count all the a’s, b’s, and c’s

```
String message = "I love to code!";
Scanner sc = new Scanner(message);
```

AP Computer Science A
Ticket Out the Door
Set 14: Advanced *String* Methods

Name _____ Period _____