Name	Dowing
Name	Period

1. Refer to the code below to answer the following	
String s = "Get here Thanksgiving!";	
String m = "er";	
int j = 8, z = 99;	
Int j = 0, L = 77,	
(a)	
int k = s.indexOf(m);	
System.out.println(k);	
(b)	
int k = s.indexOf('T');	
System.out.println(k);	
(c)	
char p = s.charAt(6);	
System.out.println(p);	
(d)	
int k = s.indexOf(z);	
System.out.println(k);	
(e)	
int k = s.indexOf('g', j);	
System.out.println(k);	
(f)	
char p = s.charAt(z - 90);	
System.out.println(p);	
(g)	
int k = s.indexOf(m, 15);	
System.out.println(k);	
(h)	
int k = s.indexOf(z + 2, 4);	
System.out.println(k); (i)	
boolean k = s.contains(m);	
System.out.println(k);	
System.out.printin(k),	
(j)	
String s2 = " JAVA ";	
String k = "!" + s2.trim() + "!"	
System.out.println(k);	
(k)	
System.out.println(m.compareTo(s));	
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2. The Alphabetize class below, alphabetizes three words. Consider the following examples. Write the Alphabetize class.

Values of Strings s1, s2, and s3 before	Values of s1, s2, and s3 after
String s1 = "cat";	String s1 = "car";
String s2 = "car";	String s2 = "cat";
String s3 = "dog";	String s3 = "dog";
String s1 = "dog";	String s1 = "car";
String s2 = "cat";	String s2 = "cat";
String s3 = "car";	String s3 = "dog";

```
public class Alphabetize{
     public static void main(String args[]){
    }
```

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3. Write an algorithm that could be used to count the number of times a string occurs in another string. Consider the examples below¹. This algorithm requires that you incorporate a loop along with the substring() and length() methods.

String to search	String to find	Occurrences
BAAB	AA	1
AAAAA	AA	2
AABABABAA	ABA	2
ABBAABB	ABA	0

public class FindOccur{

public static void main(String args[])	ublic	ic static	void	main(String	args[]){
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1	Adapted	from	the	2020	AΡ	Computer	Science A	A Fxam

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