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1. Refer to the code below to answer the following
 	
    String s = "Get here Thanksgiving!";
    String m = "er";
    int j = 8, z = 99;	

(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);	
(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 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";

```
public class Alphabetize{

    public static void main(String args[]){












































    }

}
```

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3. The Crypto class, encrypts messages by replacing all c's with "c'mon" and all o's with "ouch!". The final encrypted message is stored in a variable called "encrypted". Consider the following examples,

String msg	String encrypted
Encrypto my message	Enc'monryptouch! my message
Get off the couch!	Get ouch!ff the c'monouch!uc'monh!

Write the Crypto class below,

```java
public class Crypto{

    public static void main(String args[]){

      System.out.println("Type a message to encrypt: ");
      Scanner s = new Scanner(System.in);//Gets the message from the user
      String scan = s.nextLine();
      Scanner msg = new Scanner(scan);
      String encrypted = "";



    }

}
```

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