1. Suppose you look up a method in the Java API and find this method heading:

   ```java
   int practice()
   ```

   a) Fill in the following information about this method:

   Method name: _______practice___________
   Method return type: ___int_____
   Required parameters for the method: (how many? of what type(s)?)
   ______None_____________________________

2. Given a Random object named `rand`, write a Java expression that produces a value in the range 8 through 20 (inclusive).

   ```java
   rand.nextInt(13) + 8
   ```

3. Fill in the blanks & show output (or indicate that an error would occur).

   ```java
   String word = "Valentine";
   int num = word.length();

   num _9_ word.charAt(1) _‘a’_ word.charAt(4) _‘n’_
   word.substring(1) _“alentine”_.

   int n = 0;
   while (n < 4) {
      System.out.println(word.charAt(n) + "*");
      n++;
   }
   ```

   Output:
   ```
   V*
   a*
   l*
   e*
   ```
1. Suppose you look up a method in the Java API and find this method heading:

   ```java
   String valentine(double x)
   ```

   Fill in the following information about this method:

<table>
<thead>
<tr>
<th>Method name:</th>
<th>valentine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method return type:</td>
<td>String</td>
</tr>
<tr>
<td>Required parameters for the method: (how many? of what type(s)?)</td>
<td>one, an double</td>
</tr>
</tbody>
</table>

2. Fill in the blanks & show output (or indicate that an error would occur).

   ```java
   String word = "LOVE";
   int num = word.length();
   num __4__ word.charAt(1) __O__
   word.charAt(0) __L word.charAt(num) __*Error*__
   int n = 0;
   while (n < word.length())
   {
     System.out.print("o" + word.charAt(n));
     n = n + 2;
   }
   ```

   Output:
   ```
   oLoV
   ```

3. Given a Random object named `rand`, what range of values are produced by the following expressions?

   - `rand.nextInt(7)`  
     ________ 0 to 6
   
   - `rand.nextInt(20) - 5`  
     ________ -5 to 14