Name (print): ......................................................

1. (2 points) Circle ALL of the following blocks of code which will cause a syntax error.
   A. double a = 4.5;
      double a = 3;
   B. double a = 4.5;
      double b = 3;
   C. int a = 4.5;
      double b = 3;
   D. double a = 4.5;
      int b = 3;
   E. double d = 14.5;
      d = 5.6;
   F. byte b = 8;
      int c = b;

2. (10 points) Consider the following variable declarations and initializations:
   
   int a = 65;
   char b = ‘Z’;
   String c = "9";

   For each of the following statements, indicate whether or not the statement contains a syntactic error. If it does, correct the statement (there may be multiple ways to correct it) without changing the datatype of the variable \( x \). Then evaluate either the original, correct statement or the corrected statement and indicate what value would be stored in the variable \( x \).

<table>
<thead>
<tr>
<th>Statement</th>
<th>Error?</th>
<th>Corrected Statement</th>
<th>Value of x</th>
</tr>
</thead>
<tbody>
<tr>
<td>char ( x ) = (char)a;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>int ( x ) = a + 5;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>char ( x ) = a + 5;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>String ( x ) = c + b + a;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>int ( x ) = b * 2;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3. (3 points) The following image is a screenshot of the `SimpleTimeZone` class documentation from the Java API demonstrated in class. Answer the following questions based on this method header.

| int getOffset(int era, int year, int month, int day, int dayOfWeek, int mills) |
| Returns the difference in milliseconds between local time and UTC, taking into account both the raw offset and the effect of daylight saving, for the specified date and time. |

(a) What is the method name?

(b) How many input parameters does this function require? What type(s) are it/they?

(c) How many return values does this function return? What type(s) are it/they?