1. Create a library called Aquarius and associate it with the following folder address:
   ‘S:\Courses\stat-renaes\Stat426\data1’.

2. Use PROC PRINT to visualize the data set called shoes_tracker. Look for missing values anywhere.

3. The variable Product_Category must not be missing and Supplier_Country must be either GB or US.

4. Add a WHERE statement to PROC PRINT to find observations that do not meet the requirements in #3.

5. Add a VAR statement to create a PROC PRINT report that looks similar to this one:

<table>
<thead>
<tr>
<th>Product_Category</th>
<th>Supplier_Name</th>
<th>Supplier_Country</th>
<th>Supplier_ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoes</td>
<td>3Top Sports</td>
<td>us</td>
<td>2063</td>
</tr>
<tr>
<td>Shoes</td>
<td>3Top Sports</td>
<td>US</td>
<td>2963</td>
</tr>
<tr>
<td>Shoes</td>
<td>Greenline Sports Ltd</td>
<td>GB</td>
<td>14682</td>
</tr>
</tbody>
</table>

   How many observations have missing Product_Category? _________________________

   How many observations have invalid Supplier_Country? __________________________

6. Add a PROC FREQ with a TABLES statement to create frequency tables for Supplier_Name and Supplier_ID. Include the NLEVELS option.
   The data should meet the following requirements:
   > Supplier_Name must be 3TOP Sports, or Greenline Sports Ltd.
   > Supplier_ID must be 2963 14682

   What invalid data exist for Supplier_Name and Supplier_ID? ______________________

7. I am not collecting this lab but, for up to 10 points of extra credit, make the corrections as stated in numbers 3 and 6 to a new dataset called newshoes. This will be due to turn in by next Friday’s lab (10/24) An example of your DATA step could look like the following:

   DATA newshoes;
   SET aquarius.shoes_tracker;
   WHERE <insert SAS statements here>;
RUN;

   Make sure you use PROC PRINT to verify that your changes have been made. For submission, please copy and paste the log and your program code into the body of an email. No attachments please.