Word Document Requirements

After running and studying the sample code, copy/paste the following list of errors into a word document.

1. Missing Database Driver
   a. This error is generated when the database driver is not provided.

   ```
   Info:    Error in DbConn. Problem getting driver:acom.mysql.jdbc.Driver
   ```
   b.

2. Database Unreachable
   a. This error is generated when the web application is not tunneled in, or in other words putty is not running.

   ```
   Info:    ***** hostName is [desktop-ou0v75t] *****
   Info:    Error in DbConn. Problem getting connection:Communications link failure
   The last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.
   ```
   b.

3. Database Not Authorized
   a. This error is provided when providing an incorrect database password to the dbconn.java file

   ```
   {
       dbError: "Problem getting connection:Access denied for user 'tuj83407'@'cis-linux2.temple.edu' (using password: YES)",
       postList: [ ]
   }
   ```

   b.

4. Syntax error in SQL Statement
   a. This error is provided when the sql statement is incorrectly formatted in my postview.java file.

   ```
   {
       dbError: "",
       - postList: [
           - {
               postId: "",
               imageFile: "",
               photoDate: "",
               description: "",
               vehicleName: "",
               postRating: "",
               webUserId: "",
               errorMsg: "Exception thrown in PostView.getAllPosts(): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the
               right syntax to use near ',, photo_date, description, post_rating, vehicle_name, web_user.web_user_id FROM' at line 1"
           }
       ]
   }
   ```
   b.

5. Error Extracting Data from Result Set (bad column name)
   a. This error is obtained when providing a column name that does not exist to the postview.java.

```
{
    dbError: "",
  - postList: [
      - {
            postId: "1",
            imageFile: "https://i.imgur.com/ye0MflD.png",
            photoDate: "09/19/2021",
            description: "bethayres photo shoot",
            vehicleName: "Kia Stinger",
            postRating: "5",
            image: "https://m.media-amazon.com/images/M/MV5BZmU5ZDE5NTItN2I1YS00ZmFmLTk3YTgtNzQwOGNkYzFjOWRkXkEyXkFqcGdeQXVy
            userRoleId: "3",
            webUserId: "",
            errorMsg: "Exception thrown in PostView.getAllPosts(): Column 'web_user_id_' not found."
        }
    ]
}
```

b.

6. Error Extracting Data from Result Set (wrong data type)
    a. This error is generated when using the date formatting function on a string value. Postview.java file.

```
{
    dbError: "",
  - postList: [
      - {
            postId: "1",
            imageFile: "https://i.imgur.com/ye0MflD.png",
            photoDate: "09/19/2021",
            description: "bethayres photo shoot",
            vehicleName: "bad date in FormatUtils.formatDate: Kia Stinger. Error: java.lang.String cannot be cast to java.util.Date",
            postRating: "5",
            image: "https://m.media-amazon.com/images/M/MV5BZmU5ZDE5NTItN2I1YS00ZmFmLTk3YTgtNzQwOGNkYzFjOWRkXkEyXkFqcGdeQXVyNzU1NzE3NTg@.
            userRoleId: "3",
            webUserId: "3",
            errorMsg: ""
        },
```

b.