Write code to implement input validation and logical error checks using a dialog box or message in the UI displaying a descriptive error message for each of the following circumstances:

• Min should be less than Max; and Inv should be between those two values.

• The user should not delete a product that has a part associated with it.

• The application confirms the “Delete” and “Remove” actions.

• The application will not crash when inappropriate user data is entered in the forms; instead, error messages should be generated.

The Modify Part form  
• The text fields populate with the data from the chosen part.  
• The In-House and Outsourced radio buttons switch the bottom label to the correct value (Machine ID or Company Name) and swap In-House parts and Outsourced parts. When new objects need to be created after the Save button is clicked, the part ID should be retained.  
• The user can modify data values in the text fields sent from the Main form except the part ID.  
• After saving modifications to the part, the user is automatically redirected to the Main form.  
• Canceling or exiting this form redirects users to the Main form.