**Week 1 – DQ1: Introduction**

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**Files:**  
**UserInputException.java**Custom exception class for handling empty user input  
  
**User.java**    
Representation of the user including name and birthday property  
  
**SchieberleWeek1DQ1.java**   
Class for DQ 1 “business logic”  
  
**SchieberleWeek1DQ1Driver.java**   
Wrapper Class. Main application entry point

**Approach:**

1. Create class definition “UserInputException” implementing Throwable to handle empty user input
2. Create class definition “User” including getters/setters for name and birthday throwing exceptions once null or empty values are set.
3. Create class definition “SchieberleWeek1DQ1”
   1. Declare static labels for JOptionPane’s
   2. Show welcome message
   3. Instantiate user class
   4. Set user’s property “name” based on input
   5. Handling empty user input exception
   6. Set user’s property “birthday” based on input
   7. Handling empty user input exception
   8. Formatting thank you message based on user’s properties
   9. Display thank you message
4. Create driver/wrapper class “SchieberleWeek1DQ1Driver” to instantiate “SchieberleWeek1DQ1”