

PSEUDOCODE

File: review-data.js

```
Function viewData() {  
    Get the data from the input fields on the form  
    Create an array of all the elements on that form  
  
    Create the output variable to start appending data to it  
  
    Loop through every element in the form {  
        Check the datatype of the element  
  
        If the element is a checkbox and it is checked then print out the label and the  
        value YES  
  
        If the checkbox is not checked then print out the label but with value NO  
  
        If the element is a radio button and it is selected then display the label and  
        the value of the selection  
  
        If the element is a button ignore  
  
        All other fields like input text will be displayed with their label and value  
        provided  
    }  
}
```

File: form-validation.js

```
function validateName (fieldName) {  
    Get the value of the field in the parameters above  
    Get the id of the field validator so we can display the error message  
  
    If the value of the field is less than 1 meaning it is empty display the error message  
    that says this field cannot be empty and make the field red.  
  
    Otherwise remove the validator error message and return the field color to nothing  
}
```

```
function validateEmail (fieldName) {  
    Get the value of the field in the parameters above  
    Get the id of the field validator so we can display the error message  
  
    If the value of the field is less than 1 meaning it is empty display the error message  
    that says this field cannot be empty and make the field red.  
  
    Otherwise remove the validator error message and return the field color to nothing  
}
```

```
function validateUserID () {  
    Get the value of the USERID field  
    Create a regex check to see if there are special characters in the USERID  
  
    If USERID is less than 1 meaning it is empty then display an error message to say  
    that the field cant be empty and change the field to red.  
  
    Check to see if the first character for the USERID is a digit. If it is then display error  
    message saying that the first character cannot be a number and change the field to  
    red.  
  
    Check if the USERID has a space. If it does then display error message to say no  
    spaces allowed and make the field red.  
  
    Check to see if the USERID has special characters inputed. If so prompt the user  
    that only dashes and underscores are allowed and change the field to red.  
  
    Otherwise remove the error message and return the background color to nothing  
}
```

```
function validateDate () {  
    Create a new value  
    Get the date value on the form that the user entered  
  
    If the year for today minus the year for the date user selected is greater than 120  
    then that means the user is older than 120 years old.  
  
    If the date user selected is greater than today's date that means that they have  
    selected a date in the future  
  
    Other wise get rid of error messages and return background color to nothing.  
}
```

```
function validatePassword () {  
    Get the value of password the user entered.  
    Get value of user id the user is entered  
    Get the first name of the user  
  
    Create regex uppercase check  
    Create regex number check  
    Create regex special character check  
  
    If the length of the password is less than 1 meaning it is empty then prompt error  
    message that the field cant be empty and make field red.  
  
    If there is not uppercase letter in the password prompt the user that the password  
    requires an uppercase letter  
  
    If the password doesn't have a special character prompt the user that the password  
    requires one  
  
    If the password is missing a special character then prompt the user that the  
    password requires one.  
  
    Check if the password is the same as the userid which is not allowed  
  
    Check if the password contains the first name of the user or not. If so then prompt  
    the user that this isn't allowed.  
  
    Otherwise get rid of error messages and return background to nothing.  
}
```

```
function validateConfirmPassword () {  
    Get the value of the confirmed password  
    Get value of the original password  
  
    If the confirm password is empty prompt user that it is required  
  
    If the password doesn't match the confirm password prompt the user that both  
    must match  
  
    Otherwise remove error messages  
}
```