File: validation.js

```
function isEmpty (field) {
        Get the value of the field from form

        If the value of the data < 1
                Display error message saying that field cannot be empty
                Make background color red

        Else
                Make background color of field normal
}


function checkDate () {
        Create new date variable
        Get user selected date

        If the length of the value of the selected date is < 1
                Error message saying that the field cant be empty
                Make background color of the field red

        If the today's year difference with the year of user selected is greater
        than 120
                Alert user that the date selected cannot be 120 years past today

        If the user selects a date > today
                Alert user that they cannot choose date in the future
}
```

```
function checkPassword (field) {
        Let the value of the password field

        If the password length is < 1
                Alert user that field can not be blank and make color red

        If the password includes the user's username in the password
                Alert user that this is not allowed

        If the password is equal to the first name of the user
                Alert user that this is not allowed
}


function checkConfirmPassword (field) {
        Get value of confirm password on the form

        If the value length is < 1
                Alert user that the field can not be empty

        If the confirm password and password values do not match
                Alert user that they must match
}


function reviewData () {
        Get content of the patient form
        Get list of all elements on that form

        Create table for output

        For every element in that list of elements
                Get the element type of the field

                If the field is a radio button
                        Only display the field if it is check
```

If the field is a checkbox and the field is checked then display the value field name and YES

If it is not checked then display the name of the field but NO

If it is a button ignore it

If it is anything else print the field and its value

Append each line to the table variable

Output the variable
}


```
function show () {
        Get the value for the slider
        Set the value of the sldier to the div next to it to display
}
```