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MIS3371 Assignment 2

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3. Pseudocode

**HTML**

SET HTML structure and Body that contains all of the code with the Header section including a link to the CSS sheet for formatting

SET today to the current date in MM/DD/YYYY format

DISPLAY it in the top right corner in the header

BEGIN form actions with CALL Function of check password as final step before submission

BEGIN registration form fields with text and date input types to capture user input with applicable error handling using regex patterns in table structure for formatting

Input type text for first name

Input type text for middle initial

Input type text for last name

Input text type date for date of birth

Input text type password for SSN to conceal characters on display

Input type text for address line 1

Input type text for address line 2 (to additional details like unit #)

Input type text for city

Select option for state with state option values listed for dropdown

Input type text for zip code in case they add a dash

Input type email for email address to validate proper format

Input type tel for phone number to validate proper format

Input type text for current symptoms for text box

Input type checkbox for cancer, arthritis, cardiovascular disease, diabetes, or depression

Input type radio for gender

Input type radio for vaccinated question

Input type radio for insurance question

Input type range for scale for health assessment of user

Calculate and display value using in-line javascript as user scales the range to select

Input type text for userID

Input type password for password to conceal characters

Input type password for user to re-enter password and conceal characters

FUNCTION check\_password to check password fields match

Variable to grab password 1 value

Variable to grab password 2 value

IF password 1 does not equal password 2

Display messages that password do not match

RETURN false to prohibit the user from being able to submit the form

ELSE

RETURN true and allow the user to continue with the form

Input type reset for “Start Over” button to clear the fields

Button with ONCLICK review\_data function to display the results of the form (if the validation succeeds) in the section below

Input type submit for “Submit” for the user to submit the form and display a confirmation page

FUNCTION review\_data

Create display element for Review button by grabbing the value from first\_name ID that was created previously

Create display element for Review button by grabbing the value from middle\_inital ID that was created previously

Create display element for Review button by grabbing the value from last\_name ID that was created previously

Create display element for Review button by grabbing the value from dob ID that was created previously

FORMAT date of birth to MM/DD/YYYY and reassign to display value

Create display element for Review button by grabbing the value from ssn ID that was created previously

Create display element for Review button by grabbing the value from address1 ID that was created previously

Create display element for Review button by grabbing the value from address2 ID that was created previously

Create display element for Review button by grabbing the value from city ID that was created previously

Create display element for Review button by grabbing the value from state ID that was created previously

FORMAT state to display full name and not abbreviation

Create display element for Review button by grabbing the value from zip\_code ID that was created previously

Create display element for Review button by grabbing the value from email ID that was created previously

Create display element for Review button by grabbing the value from phone ID that was created previously

Create display element for Review button by grabbing the value from current\_symptoms that was created previously

Create display element for Review button by grabbing the value from cancer\_check ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from arthritis\_check ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from cardio\_check ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from diabetes\_check ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from diabetes\_check ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from gender ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from vaccinated ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from insurance ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from health\_scale that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from user ID that was created previously and display Y or N for Yes if selected or No if blank

Create display element for Review button by grabbing the value from password that was created previously and display value in plaintext

Create display element for Review button by grabbing the value from password reentered that was created previously and display value in plaintext

Display form with word wrap to display values within border

OUTPUT

First Name: value

Middle Initial: value

Last name: value

Date of Birth: value

SSN: value

Address Line 1: value

Address Line 2: value

City: value

State: value

Zip Code: value

Email: value

Current Symptoms: value

Phone: value

Cancer: Y or N

Arthritis: Y or N

Cardiovascular Disease: Y or N

Diabetes: Y or N

Depression: Y or N

Gender: value

Vaccinated: Y or N

Insurance: Y or N

User ID: value

Password: value

Password (re-entered): value

DISPLAY form footer

Sunshine Health logo with clickable image back to page

Contact Us link

Facebook link

LinkedIn link

End form\_body

End HTML

**Javascript File**

Function first name validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function middle initial validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function last name validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function date of birth validation

Grab values and set variables from HTML

Set current date variable

Logic to calculate if date is older than 120 years or a future date

Display error message

Else

RETURN true

Function ssn format

Grab values and set variables from HTML

Automatically populate the dashes as the user is typing

Logic to calculate if date is older than 120 years or a future date

Display error message

Else

RETURN true

Function ssn validation

Grab values and set variables from HTML

Validate the user has entered in 11 total characters including the dashes that get automatically populated

Else

RETURN true

Function Address Line 1 validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function city validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function zip code validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function Address Line 2 validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function email address validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function phone number validation

Grab values and set variables from HTML

Format to automatically populate the dashes as the user is typing

If the value does not match the pattern

Display error message

Else

RETURN true

Function health slider

Grab values and set variables from HTML

Display the value as the user is sliding the bar

Function userID validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

Else

RETURN true

Function password validation

Grab values and set variables from HTML

Regex pattern

If the value does not match the pattern

Display error message

If the user is the same as the password

Display error message

Else

RETURN true

Function check password

Grab values and set variables from HTML

If passwords do not match

Display error message

Else

RETURN true

Function form validation

Call all previously listed functions

Function toggle\_Submit

Create new variable for each validation function above

Consolidate them into a new variable

Set the submit button to disabled and toggle until validation is correct