**Assignments on JS**

**JS** (to be given at end of – Core JS)

Create a form with the following attributes and validations -

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Field Name | Type | Validations |
| 1 | First Name | Textbox | Required |
| 2 | Last Name | Textbox | Required |
| 3 | Date of Birth | Textbox | Required, should be a past date and format should be DD-MM-YYYY |
| 4 | Email Address | Textbox | Required |
| 5 | Hobby (3 checkboxes: Reading, Watching Movies, Photography) | Checkbox |  |
| 6 | Favorite Writer | Textbox | Should be visible only if hobby is “Reading” |
| 7 | Submit Button | Submit |  |
| 8 | Reset Button | Reset |  |

Additionally -

* Show a welcome message to user
  + Add a timer, which will keep counting the time for which page is open.
  + This should also contain the browser name that is being used. (Optional)
  + E.g. Welcome! You are using “Chrome” and you are on this page since 00:25 minutes.
* Date field
  + Only numbers and “-” should be allowed in the Date field.
  + If the user enters any other character -
    - Border color should be changed to red.
    - Invalid character should be cleared, but valid characters should not be cleared.
    - Display a message besides the textbox showing hint for the format.
* Show validation messages using alert boxes.
* On validation failure, focus the corresponding field and highlight it with red border
* Validation for email address should be done using regular expressions. (Optional)