HTML/DHTML form validation using scripting language

Ex No. 2

Aim:

To Design a website using HTML and DHTML to implement form validation using regular expression and to perform HTML DOM manipulation.

Procedure:

- Decide on an idea for the form validation website.
- Create a form using the <form> tag
- Get the input for various input fields.
  - Here, the input is name, credit card number, CVV,..
- On submitting the form, the input details are validated using javascript.
- Use DOM to manipulate the month and year option in the input field.
  - document.getElementByID()
  - document.querySelector()
  - document.createElement()
- Validation using regular expressions in Javascript
  - Ensure none of the fields are empty
  - Ensure Name has only alphabets
  - Check the starting digits for credit card number
  - Check CVV length
  - Check if expiry date is after current date
- Move focus to next box if valid details are entered in credit card number.