

Assignment 3.

classmate

Date _____

Page _____

Roll no 43212

Aim:- Design an online registration form for any application and validate it using jquery.

Theory:-

1) What is JQuery?

→ JQuery is a JS (JavaScript) library designed to simplify HTML DOM tree traversal and manipulation as well as event handling, CSS animation and AJAX.

It is free, open-source software using the permissive MIT license. It is used by 93% of 10 million most popular websites.

2. Advantage of JQuery.

1) JQuery is widely used.

2) It promotes simplicity.

3) Cross-browser compatibility.

4) Clean syntax.

5) Lightweight and open source.

6) Animation and cool effects.

7) Highly extensible.

8) Pages load faster.

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8) jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you call with a single line of code.

9) jQuery has easy implementation for web developers in comparison to other applications. jQuery is currently the most popular JavaScript library and works in all browsers.

• jQuery validations for different fields of an HTML form.

i) first-name: We use inbuilt function to validate first name using jQuery.

```

$( "#formdata" ).validate( {
    rules: {
        first-name: {
            letteronly: true,
            required: true,
            maxlength: 200
        }
    },
    messages: {
        first-name: {
            letteronly: " please enter alpha",
            required: " This field compuls",
            maxlength: " max length is 200"
        }
    }
});

```

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ii) phone-number :-

```
$ ("formData").validate ({
  rules : {
```

```
    phoneNumber : {
```

```
      matches : "[0-9]+",
```

```
      minLength : 10,
```

```
      maxLength : 10
```

```
    },
```

```
  });
```

- Above function returns false if :

- The number contain any alphabets.
- should contain maximum & minimum 10 character.

Conclusion:-

I implemented a form using various in built and custom-made jquery functions in order to perform all validations on the data received in the form.