

Assignment No :- 02.

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* Title:- 1] To write a javascript to Display current Day, Date, month, year and time on the web page and greet user.

2] Write a javascript program to take e-mail id from user and validate it.

* Theory:-

JavaScript is a programming language of HTML as well as web, It is preferred for creating web / network centric application. It is integrated and complimentary with java. As javascript is integrated with HTML it is very easy to implement. It is open as well as cross-platform.

→ Validation:-

When client enters the all necessary data and press the submit button, form validation is done at server side if data entered by client is incorrect or missing, the server needs to send all data back to the client and request for resubmission of form with correct information.

(I) Basic Validation:-

First of all form must be checked to make sure all mandatory field are filled in. It would require just a loop through each and every field in the form and check for the data.

(II) Data form validation:-

secondly, the data that is entered must be checked for correct format and its value. the code must include appropriate logic to test correctness of data.

* Technology :-

Javascript can be implemented using JS statement that are placed with the `<script>`, as you can place it any where within the web page. Script tag takes two important attribute

(i) language : This specifies which scripting language are we using

(ii) Type : This attribute is what is now recommended to indicate the scripting language in used and its value should be set to "text/javascript".

Manual testing is used to check the applied changes

- (i) All the fields like full name, class, Department, address, phone no. etc.
- (ii) Phone no. should be number only.
- (iii) ~~Exa~~ Email id should be in proper format.

* Conclusion:-

Hence we applied validate the data using javascript.