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TEA 17

Practical No: 4

Aim: HTML, Java Script

Problem statement: WAP to design registration form for students by using HTML, CSS & Javascript & perform validation all fields are mandatory, Phoneno & email, address validation

Theory :-

① Java Script is a programming lang of HTML as well as web.

It is preferred for creating n/w centric applⁿ

It is integrated and complimentary with Java

Advantages :-

- It requires less server interaction
- Immediate feedback to visitors
- Increased interactivity
- Richer interfaces

② validation :-

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

③ Basic validation :-

First of all form must be checked to make sure all mandatory field are filled in

④ Data format validation :-

Secondly data i.e. entered must be checked for correct format & its value.

⑤ Technology :-

Java script can be implemented using Javascript statement that are place within `<script>` language - This attribute specifies with scripting language you are using.

Type - This attribute is what is now recommended to indicate scripting language in use

⑥ Design :-

1. write html code in notepad & save with html
2. write function for validation of email id and phno. & enclosed call this function is script
3. call this function 'onclick' event of submit button
4. open html page in browser

⑦ Test cases :-

All fields like full name, class, dept, address, phno, email id are mandatory fields.

→ email id should be in proper format like
abc@gmail.com

conclusion :-

Hence, we applied validate data using java script