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7. 4. BTPUN CSC
PAGE NO:

WIL

ASSIGNMENT NO. -3

AIM: liesite a program to design student registration
goenn ley using HTML, CSS enaising following fields
username, email, phone No password, confish
Password and werte onternal code to achieve following
validations

OBJECTIVES :-

- 1720 understand what is form ilalidation.
- 2770 know its importance.
- 3) 20 learn hour do implement various techniques to implement it.

THEORY:

1) Different types of form validation:

a) Empty fields :

Message and return balse, to prevent boim being sulemitted.

5) 9t can also realidate numeric i/f.

Eg: Place a no. b/w 1 and 10.

presents suis form reeing reulemisted.

afile can also de dates validation. Desta validation is

the process of ensuring that usee input is clean,

Correce, and esseful.

aypical validation talks are 5

- has the uses filled in all required pields

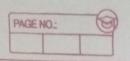
- has one reser entered a valid date

has the user puliesed that in a numeric bield

2) Different Client validations that can be performed on the form o appuilt in Validation: - Uses HTML5 form validation Beatuses - This validation generally doesn't requisements

i) required: - Specifies werether a form filled needs to lee filled. Ulminlength and maxlength: specifies the max enin length of lentual data. ii) type: Specipies the data needs to see ano, an email address, or some other specific preset sype. il parteen: Specifies a regular expression that defines a patiern the entered data needs to follow. FAQ'S DI What is Javascript? Davascript is a scripting language or programming language that allow you to implement comple geauterier on neele gages ereery time a neele pag does more from to just ait onese and display static infermation. ii) Displaying simely content updates, interactive maps, animated 20/30 graphics can be done neith Js. aynamically updating content, control.

multimedia, animate - images.



22 Enumerate the difference between Java and JS? Java Java Script Dava is a strongly 1) Javascript is mearly typed language and typed language and variable must be have more relaxed acclared first to be Syntax and rules in programs i) Javascript is an object based scripting language. in Java is an oof language. ised to run org only in the lesoneses intrava appeications can nachine (JVM) or broneses. Woujects of Java are class iv.) Janeascript objects are based even we can't peopletype leased. make any programa in v.) Java has a surread leased 11.) Javascript bas brent approach toconquerency leased approach to concurrency. 03 what are Javascript databypes? Datatypes in Javascript are as follones! Doumleus: eg: Var lengten = 16

2) setring: var fisstname = 'Sam'

3) Object: Vara n= ? fisst name: 'Sam',

| Out name: 'Cueran'?. 5) undefined: - var y = true.

By Write 3 reasons very born validations are important? i) you need born varidation as a seccusity meany Forme are an easy target for hackers or attackers lecame they are connected to daming somenene. is) Testing people pur unaderes trey weart into your form opene you up to SSL injection attack in Besides daving you grown attackers, som validations also sences you grown users entering non-valid data. 05 Explain required attribute in STIME. i) The required attribute is a boolean attribute 2) wenen present it specifies that an if field must be filled out leefore Seulemidling form.
3) dris aftribute morks with i/P dypes like tout, seasen, westel, smal, passed, enockbox, radio.