NO

Assignment NO 4

Aim : Implement PHP and AJAX.

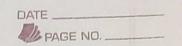
Problem Statement: Design Login Application using PHP.
and add essence of AJAX to it.

Theory.

of I what is PHP? what is AJAX?

- i) PHP is an acronym for PHP: Hypertext broproxessor"
 - ii) PHP is widely used, open source scripting language.
 - iii) PHP scripts are executed on the server.
 - ix) PHP is free to download & use.
 - V) PHP files som sontain text, HIML, CSS, JS & PHP
 Code.
 - vi) PHP code is inecuted on the server & the result is returned to the browser as plain HIML.
 - i) AJAX is an acronym for "Asynchronous for asynchronous
 - ii) It is not a programming language
- a) A browser built in XML HITP Request Object
 - a) A browse burn b) garascript and HIMIDOM.
- Ans. Advantages of PHP:
 - a) speed up custom web application development.
 b) simplify web application maintenance.

(x)	No need to write additional code.
d)	work with databases more efficiently
e)	Automate common web development tasks.
	Perform unit testing efficiently.
9)	Protect websites from targeted security attacks.
4/	and one source of this be de
•>	Advantages of AJAX:-
	Thorse the state of the state o
a)	Improved user experience
b)	Asynchronous processing
0	Reduced server bits and network load.
d)	Platform and architecture neutrality.
e)	Multi-browsex support
})	Faster page renders and improved response times.
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\$3]	Explain PHP Validation for login and password. Explain use of AJAX in your application
٨	Explain use of AJAX in your application
Ams -	Code snippet (PHP):-
	I usurname and password sent from form are
	stored in & myusername and & mypassword.
0	\$501 = " Select id know admin where & condition > "
2	\$ sql = "Select id from admin where (condition > "; \$ result = mysqli-gravy (\$db, \$591);
3	I now = mysgli-fitch array (& result, MYSQLI ASSOC);
(4)	3 active = \$ xow ['active'];
6	\$ count = mysqli_num_rows (\$ result);
6	if (\$count =1)
	header (" location: welcome: php");
(else majorita que de la
	\$ voror = " login name or lassword invalid!!"
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->	line 1 : Sql statement to Jetch corresponding record.
->	line 2 result query prepared.
-)	line 3: now jetched.
7	Line 4: active
->	line 5: count No. of nows matched.
→ ·	line 5: count No. of nows matched. line 6: If login id & password is correct, direct to
	home page.
>	line 7: If no now found, display were message
	P A-4 A A
	Use of AJAX in login Application: with AJAX you can directly at sheek the entired
i)	with AJAX you can directly of check the entired

i) with AJAX you can directly at sheek the entired usurname & password are correct or not in MYSQL database without reloading the whole page.

ii) If user is registered them direct the user to a home page otherwise display an error.

Conclusion:

Thus, I studied the concept of PHP and AJAX and also implemented login application using them.