UJIAN TENGAH SEMESTER

KEAMANAN INFORMASI



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<?php

//koneksi ke database

$conn = mysqli\_connect("localhost","root","","login-hash");

function query($query) {

    global $conn;

    $result = mysqli\_query($conn, $query);

    $row = [];

    while( $row = mysqli\_fetch\_assoc($result)) {

        $row[] = $row;

    }

    return $row;

}

function registrasi($data) {

    global $conn;

    $username = strtolower(stripslashes($data["username"]));

    $password = mysqli\_real\_escape\_string($conn, $data["password"]);

    $password2 = mysqli\_real\_escape\_string($conn, $data["password2"]);

    $level = mysqli\_real\_escape\_string($conn, $data["level"]);

    // cek username sudah ada atau belum

    $result = mysqli\_query($conn, "SELECT username FROM user WHERE username = '$username'");

    if (mysqli\_fetch\_assoc($result)) {

        echo "<script>

        alert('Maaf username sudah terdaftar!')

        </script>";

    return false;

    }

    // cek konfirmasi password

    if ( $password !== $password2) {

        echo "<script>

        alert('konfirmasi password tidak sesuai!!');

        </script>";

        return false;

    }

    // enkripsi password

    $password = password\_hash($password, PASSWORD\_DEFAULT);

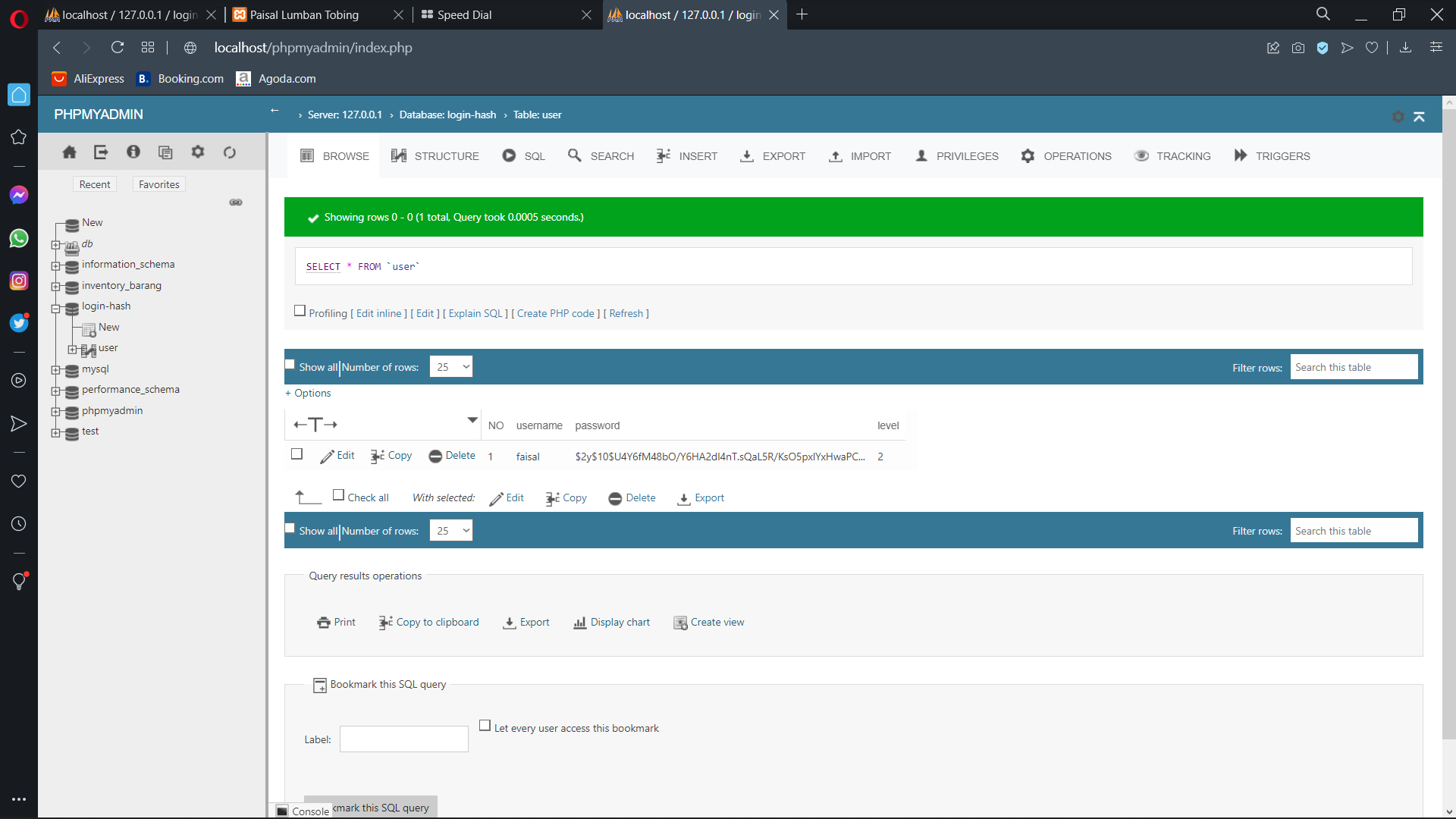
    // tambahkan user baru ke dalam database

    mysqli\_query($conn, "INSERT INTO user VALUES('','$username','$password','$level')");

    return mysqli\_affected\_rows($conn);

}

 ?>



1. Public key

--- BEGIN SSH2 PUBLIC KEY ----

Comment: "rsa-key-20211117"

AAAAB3NzaC1yc2EAAAADAQABAAABAQCjOXjxV1at/nFSfQ0cERRV6+ITbnvj/UD4

90tJiI5TIJbXk6vWEHgY+PnIZWvs+01N+at050h01ncZ4QTQWPexZueClqPMpiXx

ZNB6/bI6WOEvoHeaxAO5pQszOqIMx883YvrH0XN1rJ1fdjBNmEquszNjRfciMjrk

t1BO7NqIwd1h0jbJuirg0fKBsmVJ0wxJQ1nu1zAK7UDZMpOS/GfP8VblGQNW0gRf

YPxeKj4gbrQWKcPKeDPWwgtuEYdpaAhOh3pAqOex8wuyXg2dYT5aCisIJb7faeQc

CWfgcew8HEzgI+LK852eaWxm6nqiXjB16HjxtbZL+3iv7wlWi7lL

---- END SSH2 PUBLIC KEY ----

`

Password : Paisal12345

Private key

1. PuTTY-User-Key-File-3: ssh-rsa
2. Encryption: aes256-cbc
3. Comment: rsa-key-20211117
4. Public-Lines: 6
5. AAAAB3NzaC1yc2EAAAADAQABAAABAQCjOXjxV1at/nFSfQ0cERRV6+ITbnvj/UD4
6. 90tJiI5TIJbXk6vWEHgY+PnIZWvs+01N+at050h01ncZ4QTQWPexZueClqPMpiXx
7. ZNB6/bI6WOEvoHeaxAO5pQszOqIMx883YvrH0XN1rJ1fdjBNmEquszNjRfciMjrk
8. t1BO7NqIwd1h0jbJuirg0fKBsmVJ0wxJQ1nu1zAK7UDZMpOS/GfP8VblGQNW0gRf
9. YPxeKj4gbrQWKcPKeDPWwgtuEYdpaAhOh3pAqOex8wuyXg2dYT5aCisIJb7faeQc
10. CWfgcew8HEzgI+LK852eaWxm6nqiXjB16HjxtbZL+3iv7wlWi7lL
11. Key-Derivation: Argon2id
12. Argon2-Memory: 8192
13. Argon2-Passes: 8
14. Argon2-Parallelism: 1
15. Argon2-Salt: 51b2ae019ba6ea1a244be1c850d38d56
16. Private-Lines: 14
17. binw6q+bMgRGlnnJz4epTJqdaHQpXWge6c+QZ4rTs0B4HhpAjGE4QPknPNr//4re
18. w6xGJf6BHgmH4xS21EMOJKf0jTQ7TpUa3ZJY4XPDyOryMEEVIbaGEzl8/aSmZCSr
19. OqK20vl7oywPn7PGe6HxR109LsMw285fzXtkMmBXXm7OrcQtOUBNu7LkRO0nS7cH
20. I6S7ME1bD1+IOJiw1Qsjqf62uy6BBG5Dzam6Bib5BhuLvevuy7EPDRtEX7qH6fuM
21. 4tMOHHHXVs/1TbY5iWoThMdbeRUJZ3OeFkH872G8F7rREWYiCf0LZJY+jP0sdnK3
22. M7LNom8HYSl0XTjMzInKUy3RUm9yuOgS5jH+VxvS++GfUE1AR2J4uOINNz9ELsLf
23. Fw42Mg3gjKWdPvlnBNyubnDYFRzQWQ4JmaMDwuwBaDEYaHrwj3jhOBUhw6/81dYP
24. LpRrEPlPBDCXjn0qmAbWZRkMtsco2HDkx6pbc4+S62UgZg2+Wa9oOCIvsaAEW8bn
25. v5qndeZPR93ZrpLsfEsfbcQKrvTI7rEs88h35C58LJ40isOZ83ZrAKnaFdb8Kp46
26. BdzeDrVUWnmsUl7ucuh+J6T86qmnZ8MkOECgdsW0ZirgZJrQ99d7wOkQpPWp7cfb
27. DjxKLgBD97fcUB+cZGkH12TJOzFhjqiuUY3xTlzsO1uHDjyjRri6ChKTCC7LlIhM
28. 84QJjcnTwWaQ0WKD762RTOkVTXQDBBG/oL7gMsT4fPvxlW3GwG63dItKukVWPG2V
29. D024FJAtOSqGZncFFqPE5y75INf1q4m5sh4ewjjgQ/RbsQ+Y9RYLf9qA4RTbjVsh
30. RyEyaI206AC0Z+FHpu8B3hRnr+HXtClQPbPfxp1BOjFXkjWE4NxjasohW2mQGopJ
31. Private-MAC: 003d7d12ce0b981358d757e946a23fa3ec826198b70cee0074d4ac66c5c4769c

Password : Paisal12345

Git Hub ;

<https://github.com/Faisaltobing/faisaltobing.git>

Youtube;

<https://www.youtube.com/watch?v=ftklzfoLBtA>