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<?php #script 12.2 - login_functions.inc.php
//this page defines 2 functions used by the login/logout process

/*This function determines an absolute URL and redirects the user there.
 * The function takes one argument: the page to be redirected to.
 * The argument defaults to index.php
 */
function redirect_user ($page = 'index.php'){

/* created for the pursue section chapter 12
    $url = 'http://' . $_SERVER['HTTP_HOST'];//root directory
    $url .= 'ch12test';//directory containing file
    $url .= $page;//file

    header ("Location: $url"); //site1/ch12test/$page: variable containing the file redirected to
    exit; //kill the script
*/
//start defining the URL...
//URL is http:// plus the host name plus the current directory:
$url = 'http://' . $_SERVER['HTTP_HOST'] . dirname($_SERVER['PHP_SELF']);//original

//remove trailing slashes
$url = rtrim($url, '\\');//original

//add the page:
$url .= '/' . $page;//original

//redirect the user:
header("Location: $url");
exit(); //quit the script

}//end of redirect_user() function

/*This function validates the form data (email address and password).
 * If both are present, the db is queried
 * The function requires a db connection
 * The function returns an array including
 * - a TRUE/FALSE variable indicating success
 * - an array of errors OR the db result
 */
function check_login($dbc, $email = "", $pass = ""){

    $errors = array(); //initialise errors array

    //validate the email address:
    if (empty($email)){
        $errors[] = 'You did not enter an email address.';
        //$error0 = 'You did not enter an email address.';
    }else{
        $e = mysqli_real_escape_string($dbc, trim($email));//changed $e to $email
        if (filter_var($email,FILTER_VALIDATE_EMAIL)){//these lines added for ch13 Pursue item 7
            $e = $email;
        }else{
            $errors[] = 'This is not an email address!';
        }
        //end of additional validation lines using filter_var()
    }

    //validate the pwd
    if (empty($pass)){
        $errors[] = 'You did not enter your password';
        //$error1 = 'You did not enter your password';
    }else{

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        $p = mysqli_real_escape_string($dbc, trim($pass));
    }

    // $errors = array($error0, $error1);
    // if (empty($error0) && empty($error1)){
    if (count($errors)==0){ //all is well

        //retrieve the user_id and first name for the pwd/email combination;
        $query = "SELECT user_id, first_name FROM users WHERE email='$e' AND
pass=SHA1('$p')";
        $result = @mysqli_query ($dbc, $query); //run the query

        //check the result:
        if (mysqli_num_rows($result) == 1){

            //fetch the record
            $row = mysqli_fetch_array ($result, MYSQLI_ASSOC);

            //return TRUE and the record
            return array(true, $row);

        }else{ //not a match
            $errors[] = 'The email and password entered do not match those on file';
        }

    } // end of empty ($errors) IF

    //return FALSE and the errors:
    return array(false, $errors);

} //end of check_login functions

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