

```

$xmlstring = simplexml:load_string($xmlfile);
if ($xmlstring === false) {
    $errorString = "Failed loading XML: ";
    foreach(libxml:get_errors() as $error) {
        $errorString .= $error->message . " " ; }
    throw new Exception($errorString); }
$json = json_encode($xmlstring);
$valid_useridpasswords = json_decode($json,TRUE);
$username = $_POST['username'];
$password = $_POST['password'];
$I = 0;
$passed = FALSE;
foreach($valid_useridpasswords as $users)
{
    foreach($users as $user)
    {
        if (in_array($userid, $user)) {
            $hash = $user['password'];
            $currenttime = strtotime(date('Y-m-d'));
            $stamptime = strtotime($user['datestamp']);
            if ($currenttime > $stamptime) {
                // password expired force password change
                header("Location: e7changepassword.php");
            }
            if (($user['attempts'] < 3) || ( date('mdYhis', strtotime('-5 minutes')) >=
                $user['lastattempt']))
            {
                $hash = $user['password'];
                if(password_verify($password,$hash))
                {
                    $passed = TRUE;
                    $valid_useridpasswords['user'][$I]['validattempt'] = date('mdYhis');
                    // shows last time successful login
                    $valid_useridpasswords['user'][$I]['attempts'] = 0;
                }
                // successful login resets to zero
                $_SESSION['username'] = $userid;
                $_SESSION['password'] = $password;
                saveupfile($dog_data_xml,$valid_useridpasswords);
                // save changes before header call
                $login_string = date('mdYhis') . " | Login | " . $userid . "\n";
                error_log($login_string,3,$user_log_file);
                header("Location: e7lab.php");
            }
            else {
                $valid_useridpasswords['user'][$I]['lastattempt'] = date('mdYhis');
            }
        }
    }
    $I++;
}
}

```