

Forum:[Hack Forums](#)

Thread: [Need Help Optimizing code.](#)

ThorAndOdin - April 2, 2015, 11:06 pm

Hey, could anyone help me optimize this code i have written or make it more effective in less code if possible?

```
Code @echo off
title Login
:login
cls
echo=====
echo Login
echo=====
set /p username="Username: "
set /p password="Password: "
IF %username% EQU thorandodin IF %password% EQU thorandodin goto :menu
IF %username% NEQ thorandodin IF %password% NEQ thorandodin goto :error
cls
```

Obviously i can write an else command to take the user to :error if the password is wrong but any other ideas? thanks in advance. ?

Nakamoto. - April 2, 2015, 11:48 pm

Password scripts in batch are rather insecure unless the password is hidden in another file, try hiding the password in a png file and check it with a for loop. I would post some code to help out but I am on my phone right now.

ThorAndOdin - April 3, 2015, 12:17 am

(Apr 2, 2015 11:48 PM)RenRioku™ Wrote: [\[CITE\]](#) Password scripts in batch are rather insecure unless the password is hidden in another file, try hiding the password in a png file and check it with a for loop. I would post some code to help out but I am on my phone right now. Thanks, i was think about doing something like this... will try and figure out how to code this i guess...

'Palladium - April 3, 2015, 12:38 am

For god sakes please post your code between code tags. Here it is, and follow Ren's advice.

```
Code @ECHO OFF
TITLE LOGIN
:login
cls
echo =====
echo Login
echo =====
SET /P username=Username?:
CLS
SET /P password=Password?:
IF %username% == thorandodin (
GOTO MENU
) ELSE (
GOTO ERROR
```

)

```
:ERROR  
CLS  
ECHO Incorrect Username.  
PAUSE >NUL & GOTO login
```

```
:MENU  
CLS  
ECHO Menu  
PAUSE >NUL
```

ThorAndOdin - April 3, 2015, 1:20 am

(Apr 3, 2015 12:38 AM)HacksBro Wrote: [\[CITE\]](#) For god sakes please post your code between code tags. Here it is, and follow Ren's advice.

```
Code @ECHO OFF  
TITLE LOGIN  
:login  
cls  
echo =====  
echo Login  
echo =====  
SET /P username=Username?:  
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IF %username% == thorandodin (  
GOTO MENU  
) ELSE (  
GOTO ERROR  
)
```

```
:ERROR  
CLS  
ECHO Incorrect Username.  
PAUSE >NUL & GOTO login
```

```
:MENU  
CLS  
ECHO Menu  
PAUSE >NULfixed, and thanks for the code ?
```

ThorAndOdin - April 3, 2015, 4:11 am

(Apr 3, 2015 04:02 AM)annikk.exe Wrote: [\[CITE\]](#) Here is a cat version:

```
Code @echo off  
title Login  
echo=====  
echo Login  
echo=====  
set /p name="Username: "  
set /p pass="Password: "  
if "%name%" == "thorandodin" if "%password%" == "thorandodin" goto :menu  
goto :error
```

A few notes below.

Spoiler ([Click to View](#))1.

I didn't see any mention of "goto :login" anywhere, so I removed the ":login" label and the "cls" just beneath it. If these are required by some other part of the code, feel free to put them back in.

2.

Next... I changed the variable names to %name% and %pass%. It's not a great idea to use %username% as a variable name, because %username% is actually an environment variable. An environment variable is a special type of variable that is defined by Windows. For example, if you open a command prompt and type echo %username% you'll see that the variable has already been set by Windows. If you create a new variable in batch called %username%, then the batch file will ignore the environment variable from then on. That's not always good, because later on in your script you might find it useful to know the name of the logged on user.. So as a best practice, I normally avoid overwriting environment variables. Also, I changed %password% to %pass% to make it 4 characters as well, because short/consistent-length variable names make for neater code. :>

3.

The "if" statements, I've added speech marks around both sides. If you do not add speech marks, then if the user does not enter anything for either %name% or %pass% then the script will have an error. That's because it's going to collapse this code:

Code if %name% == thorandodinto this:

Code if == thorandodin

That creates an error, because batch things you didn't specify anything on the left side of the comparison.

Using speech marks fixes it:

Code if "%name%" == "thorandodin"[

In the event of a blank entry, it becomes this:

Code if "" == "thorandodin"and that is perfectly valid and won't cause an error. :>

4.

Finally, I removed the 2nd line of ifs because if the first line doesn't trigger it, it should just be an error.

If we examine the logic of your original statement you can see where this could lead to erroneous behaviour:

Code IF %username% EQU thorandodin IF %password% EQU thorandodin goto :menu

IF %username% NEQ thorandodin IF %password% NEQ thorandodin goto :error

Okay, a step at a time.

Code IF %username% EQU thorandodin

Suppose I enter thorandodin for the username

Code IF %password% EQU thorandodin goto :menuSuppose I enter cats for the password.

I don't goto menu because I got the password wrong, so instead we just proceed to next line:

Code IF %username% NEQ thorandodinUh oh, username IS thorandodin, so this won't trigger!

Therefore, this bit:

Code IF %password% NEQ thorandodin goto :errorwill never run.

Instead, we're just going to go straight to the next line, instead of going to the error.

In your version, we only go to the error if the username and password are BOTH wrong.
In the version at the top of my post, if the username and password are not correct, it always goes to :error.

Hope this helps. :>

::purr::

Thanks man! this will help a lot can i contact you about something i could use your help with?

ThorAndOdin - April 3, 2015, 4:13 am

(Apr 3, 2015 04:02 AM)annikk.exe Wrote: [\[CITE\]](#) Here is a cat version:

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if "%name%" == "thorandodin" if "%password%" == "thorandodin" goto :menu
goto :error
A few notes below.
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Okay, a step at a time.

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Code IF %username% EQU thorandodin
Suppose I enter thorandodin for the username
```

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Suppose I enter cats for the password.
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Uh oh, username IS thorandodin, so this won't trigger!
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Hope this helps. :>

::purr::

Thanks man! this will help a lot can i contact you about something i could use your help with?

annikk.exe - April 3, 2015, 4:19 am

Only if it's something deeply personal between us two. :> Otherwise, I'd prefer if we talk about it on the open forum. That way everyone can benefit from our discussions. :>

ThorAndOdin - April 3, 2015, 4:28 am

(Apr 3, 2015 04:19 AM)annikk.exe Wrote: [\[CITE\]](#) Only if it's something deeply personal between us two. :> Otherwise, I'd prefer if we talk about it on the open forum. That way everyone can benefit from our discussions. :>

its to do with a personal project that im not sure if it will be publicly released yet, ?

White Light - April 3, 2015, 5:49 pm

(Apr 3, 2015 04:28 AM)ThorAndOdin Wrote: [\[CITE\]](#) its to do with a personal project that im not sure if it will be publicly released yet, ?

Even still, the best way to get support is through open channels where you're not restricting it to one person helping. In cases where a project has to be protected, post as much as you can without revealing the whole picture, and then explain exactly what you feel is wrong or you need help with. There's quite a few members here who are more than smart enough to handle just about any problem that can arise, and they'll probably be able to figure out what the project is with some educated guessing, but we're all good enough to keep secrets secret.

'Palladium - April 3, 2015, 7:35 pm

(Apr 3, 2015 04:11 AM)ThorAndOdin Wrote: [\[CITE\]](#) Thanks man! this will help a lot can i contact you about something i could use your help with?Yeah sure, no problem :) Just helping out noobs like you (no offence).

WOLGA - April 3, 2015, 9:29 pm

(Apr 3, 2015 07:35 PM)HacksBro Wrote: [\[CITE\]](#) Yeah sure, no problem :) Just helping out noobs like you (no offence).

I'm not sure he was talking to you (no offense).

White Light - April 4, 2015, 12:02 am

(Apr 3, 2015 09:29 PM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) I'm not sure he was talking to you (no offense).

And I'm not sure he is qualified to call anyone else a noob ().

'Palladium - April 4, 2015, 1:09 am

(Apr 3, 2015 09:29 PM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) I'm not sure he was talking to you (no offense).He was before because I helped him optimize his code.

(Apr 3, 2015 01:20 AM)ThorAndOdin Wrote: [\[CITE\]](#) fixed, and thanks for the code ?

WOLGA - April 4, 2015, 1:30 am

(Apr 4, 2015 01:09 AM)HacksBro Wrote: [\[CITE\]](#) He was before because I helped him optimize his code.

Oh, is that why he was quoting annikke?

'Palladium - April 4, 2015, 5:23 am

(Apr 4, 2015 01:30 AM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) Oh, is that why he was quoting annikke?Please look on the first page; I think you're blind lololol.

<https://gyazo.com/c26ab683599aae9dc356fb386dff5a9e>

Nakamoto. - April 4, 2015, 8:21 am

(Apr 4, 2015 05:23 AM)HacksBro Wrote: [\[CITE\]](#) Please look on the first page; I think you're blind lololol.

<https://gyazo.com/c26ab683599aae9dc356fb386dff5a9e>

I think he was looking at who was quoted in the post you quoted.

WOLGA - April 4, 2015, 11:13 am

(Apr 4, 2015 05:23 AM)HacksBro Wrote: [\[CITE\]](#) Please look on the first page; I think you're blind lololol.

<https://gyazo.com/c26ab683599aae9dc356fb386dff5a9e>

Please look at who he quoted; I think you're blind lololol.

<https://gyazo.com/13ac0e4505ecef40af3a7167e50910ac>

annikk.exe - April 4, 2015, 2:42 pm

Come on guys, chill out. Peace and love. :>

'Palladium - April 4, 2015, 8:57 pm

(Apr 4, 2015 11:13 AM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) Please look at who he quoted; I think you're blind lololol.

<https://gyazo.com/13ac0e4505ecef40af3a7167e50910ac>I'm not referring to that, the other one where he thanked me, you're blind lolol.

WOLGA - April 4, 2015, 9:23 pm

(Apr 4, 2015 08:57 PM)HacksBro Wrote: [\[CITE\]](#) I'm not referring to that, the other one where he thanked me, you're blind lolol.

Quote the correct post next time to avoid confusion, please.

'Palladium - April 4, 2015, 10:31 pm

(Apr 4, 2015 09:23 PM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) Quote the correct post next time to avoid confusion, please.I did though so ummm yeahhhhhh?????

b00st3d - April 4, 2015, 10:43 pm

(Apr 4, 2015 10:31 PM)HacksBro Wrote: [\[CITE\]](#) I did though so ummm yeahhhhhh?????

Don't worry, sport, you're still our big helper. So lets try to get this thread back to optimizing this guys script and not so much on who was receiving his praise.

'Palladium - April 4, 2015, 10:49 pm

(Apr 4, 2015 10:43 PM)b00st3d Wrote: [\[CITE\]](#) Don't worry, sport, you're still our big helper. So lets try to get this thread back to optimizing this guys script and not so much on who was receiving his praise.I can't tell if you're being sarcastic or not.

WOLGA - April 4, 2015, 10:49 pm

(Apr 4, 2015 10:31 PM)HacksBro Wrote: [\[CITE\]](#) I did though so ummm yeahhhhhh?????

[This is what you quoted.](#)

[This is what you meant to quote.](#)

'Palladium - April 4, 2015, 10:53 pm

(Apr 4, 2015 10:49 PM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) [This is what you quoted.](#)

[This is what you meant to quote.](#) Oh, I see now. Sorry but you could've taken this entire conversation to PM instead of posting on this thread.

WOLGA - April 4, 2015, 10:57 pm

(Apr 4, 2015 10:53 PM)HacksBro Wrote: [\[CITE\]](#) Oh, I see now. Sorry but you could've taken this entire conversation to PM instead of posting on this thread. Please remove your neutral on me now since we have resolved this, thanks.

That's fine, and I'm glad we resolved this issue; I have since changed the neutral to a contain a more appropriate reason.

'Palladium - April 4, 2015, 10:59 pm

(Apr 4, 2015 10:57 PM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) That's fine, and I'm glad we resolved this issue; I have since changed the neutral to a contain a more appropriate reason.I don't like the reason but thanks anyway.

WOLGA - April 4, 2015, 11:04 pm

(Apr 4, 2015 10:59 PM)HacksBro Wrote: [\[CITE\]](#) I don't like the reason but thanks anyway.

I'd also like to highly advise you against complaining about rep.