

Cda_G7_第九週_期中考

#第一題#

*程式碼

```
import math

count = 0

text = '%04d'

- for i in range(100,200+10):

    print(text%round(math.log(i/100,10)*10000,0),end=' - ')
    count += 1
- if(count == 10):
    print()
    count = 0
```

*解題過程

Step1.執行程式碼

```
import math

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- for i in range(100,200+10):

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```

Step2.上傳 bitbucket

#第二題#

*程式碼

```
File Edit Search View Tools Options Language Buffers Help
1 application

- class Example(object):
    _cp_config = {
        # if there is no utf-8 encoding, no Chinese input available
        'tools.encode.encoding': 'utf-8',
        'tools.sessions.on' : True,
        'tools.sessions.storage_type' : 'file',
        'tools.sessions.locking' : 'explicit',
        'tools.sessions.storage_path' : data_dir+'tmp',
        # session timeout is 60 minutes
        'tools.sessions.timeout' : 60
    }

    @cherry.py.expose
    def index(self):
        output = ''

        form = '''
        <form action='action'>
        num1:<INPUT type='text' name='num1'>
        num2:<INPUT type='text' name='num2'>
        <input type=submit>
        <input type=reset>
        </form>
        '''
        output += form
        return output

    @cherry.py.expose
    def action(self, num1=9, num2=9):
        num1 = int(num1)
        num2 = int(num2)
        output = ''
        for i in range(num1):
            for j in range(num2):
                output += str(i) + '*' + str(j) + '=' + str(i*j) + '<br />'
        return output

    #@-others
    #@+node:cmsxh.20131226100304.3709: ** class Download
- class Download:
    #@+others
    #@+node:cmsxh.20131226100304.3710: *3* index
    @cherry.py.expose
    def index(self, filepath):
        return serve_file(filepath, "application/x-download", "attachment")
    #@-others
    #@-others
    root = CMSimply()
    root.download = Download()
    root.example = Example()

    # setup static, images and downloads directories
- application_conf = {'/static':{
```

*解題過程

- Step1.將 openshift 所存在的 application 新增將執行之程式碼 Example 如上
- Step2.利用 git 將新增 Example 之 application push 到 openshift 遠端
- Step3.在 openshift 遠端的網址後面打 /Eample 即可在網站上執行

#第三題#

*程式碼

```
wp_3.py - SciTE
File Edit Search View Tools Options Language Buffers Help
1 application 2 wp_3.py

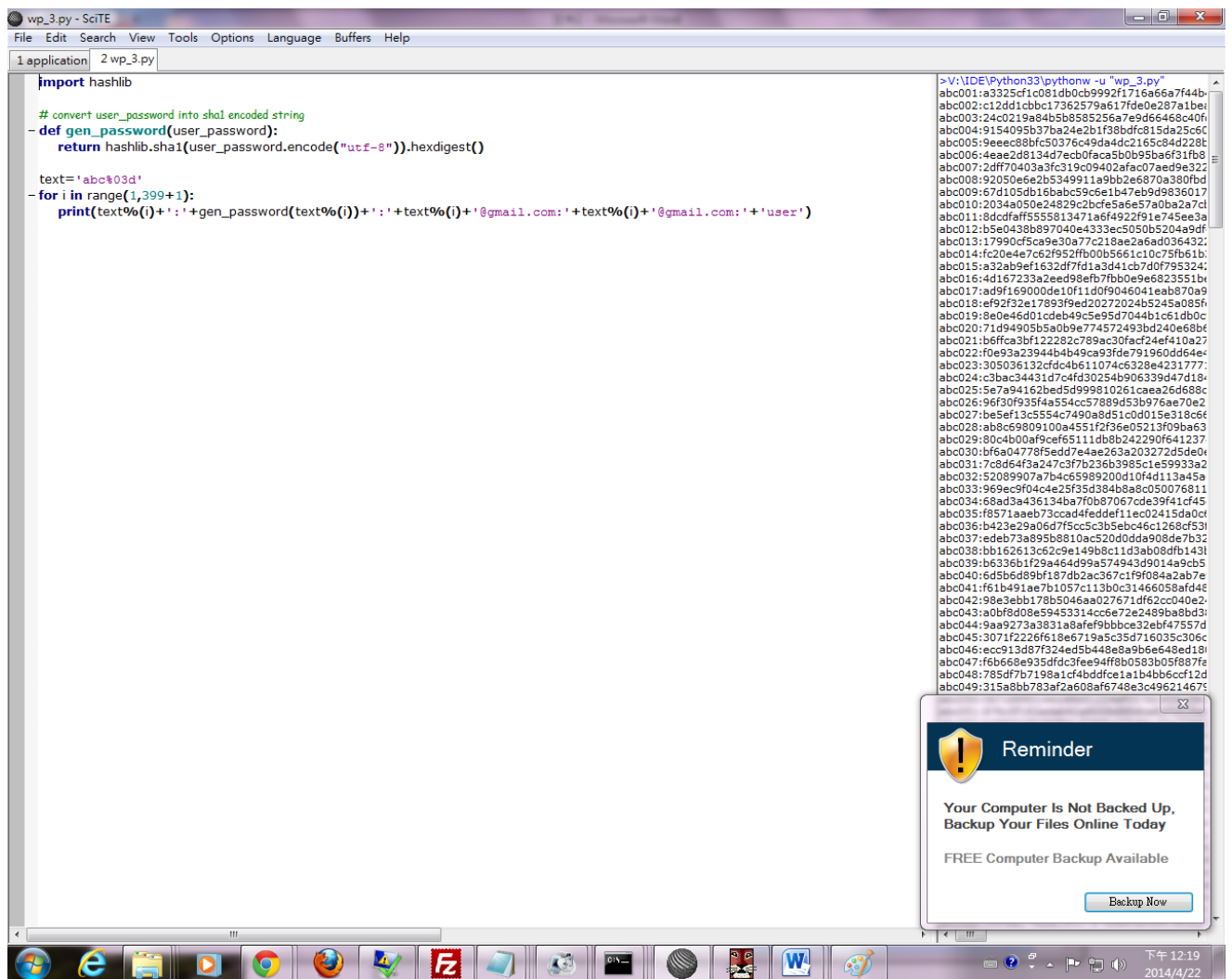
import hashlib

# convert user_password into sha1 encoded string
def gen_password(user_password):
    return hashlib.sha1(user_password.encode("utf-8")).hexdigest()

text = 'abc03d'
for i in range(1,399+1):
    print(text%(i)+' ':''+gen_password(text%(i))+' ':''+text%(i)+'@gmail.com:' +text%(i)+'@gmail.com:'+'user')
```

*解題過程

step1.執行程式碼



Step2.將執行結果複製到 www->dokuwiki->user.auth.php 儲存

1 application 2 w9_1.py 3 wp_3.py 4 users.auth.php

```
# users.auth.php
# <?php exit()>
# Don't modify the lines above

# Userfile
#
# Format:
#
# login:passwordhash:Real Name:email:groups,comma,seperated
# smds admin:$1$BtJLaL9$3Zy/VE8X5VrEMsR.XWdj1.admin:admin@gmail.com:admin,user

admin:$1$BtJLaL9$3Zy/VE8X5VrEMsR.XWdj1.admin:admin@gmail.com:admin,user
abc001:a3325cf1c081db0cb9992f1716a66a7f4b4f522:abc001@gmail.com:abc001@gmail.com:user
abc002:c12dd1cbbc17362579a617fde0e287a1bea09504:abc002@gmail.com:abc002@gmail.com:user
abc003:24c0219a84b5b8585256a7e9d66468c40fde10ff:abc003@gmail.com:abc003@gmail.com:user
abc004:9154095b37ba24e2b1f38bdfc815da25c60f045c:abc004@gmail.com:abc004@gmail.com:user
abc005:9eecc88bfc50376c49da4dc2165c84d228bd5bad:abc005@gmail.com:abc005@gmail.com:user
abc006:4ee2d8134d7ecb0faca5b0b95ba6f31fb87a215:abc006@gmail.com:abc006@gmail.com:user
abc007:2df70403a3fc319c09402afac7aed9e322bc9e:abc007@gmail.com:abc007@gmail.com:user
abc008:92050e6e2b5349911a9bb2e6870a380fbd260115:abc008@gmail.com:abc008@gmail.com:user
abc009:67d105db16abac59c6e1b47eb9d98360171b5837:abc009@gmail.com:abc009@gmail.com:user
abc010:2034a050e24829c2bcfe5a6e57a0ba2a7cbab75d:abc010@gmail.com:abc010@gmail.com:user
abc011:8dcdfaff555813471a6f4922f91e745ee3a0644:abc011@gmail.com:abc011@gmail.com:user
abc012:b5e0438b897040e4333ec5050b5204a9df4e9fea:abc012@gmail.com:abc012@gmail.com:user
abc013:17990cf5ca930a77c218ae2a6ad0364322f3feb:abc013@gmail.com:abc013@gmail.com:user
abc014:fc20e4e7c62f952fbb00b5661c10c75fb61b3ddc:abc014@gmail.com:abc014@gmail.com:user
abc015:a32ab9ef1632df7fd1a3d41cb7d0f795324291bb:abc015@gmail.com:abc015@gmail.com:user
abc016:4d167233a2eed98ef7fb0e9e6823551bece080:abc016@gmail.com:abc016@gmail.com:user
abc017:ad9f169000de10f1d0f9046041eab870a937518:abc017@gmail.com:abc017@gmail.com:user
abc018:e92f32e17893f9ed20272024b5245a085fe9d79:abc018@gmail.com:abc018@gmail.com:user
abc019:8e0e46d01cdeb49c5e95d7044b1c61db0cfa33ea:abc019@gmail.com:abc019@gmail.com:user
abc020:71d94905b5a0b9e774572493bd240e68b67262f7:abc020@gmail.com:abc020@gmail.com:user
abc021:b6ffca3bf122282c789ac30fac2f4e4f10a27005:abc021@gmail.com:abc021@gmail.com:user
abc022:f0e9a323944b4b49ca93fde791960dd64e4138c4:abc022@gmail.com:abc022@gmail.com:user
abc023:305036132cfde4b611074c6328e423177139393:abc023@gmail.com:abc023@gmail.com:user
abc024:c3bac34431d7c4fd302549b06339d47d1841d2ba:abc024@gmail.com:abc024@gmail.com:user
abc025:5e7a94162bed5d999810261caea26d688c6ab449:abc025@gmail.com:abc025@gmail.com:user
```

將執行結果複製到user.auth.php

Step3.利用 filezilla 上傳 dokuwiki

新站台 - sftp://534355c25973cab8e9000024@dokuwiki7-49823207.rhcloud.com - FileZilla

主機(H): 3207.rhcloud.com 使用者名稱(U): 3cab8e9000024 密碼(W): 連接埠(P): 快速連線(Q)

狀態: 正在取得目錄列表...

指令: ls

狀態: Listing directory /var/lib/openshift/534355c25973cab8e9000024/app-root/data/conf

狀態: 成功取得目錄列表

狀態: 已從伺服器離線

本地站台: C:\2013fall\portableKMOLII_lite\data\www\dokuwiki\conf\

遠端站台: lib/openshift/534355c25973cab8e9000024/app-root/data/conf

檔案名稱	檔案大小	檔案類型	最後修改時間
plugins.local.p...	242	PHP 檔案	2014/3/25 上午 1...
plugins.php	173	PHP 檔案	2013/12/9 上午 0...
plugins.require...	428	PHP 檔案	2013/12/9 上午 0...
scheme.conf	105	CONF 檔案	2013/12/9 上午 0...
smileys.conf	748	CONF 檔案	2013/12/9 上午 0...
users.auth.php	35,432	PHP 檔案	2014/4/22 上午 1...
users.auth.php....	153	DIST 檔案	2013/12/9 上午 0...
wordblock.conf	1,729	CONF 檔案	2013/12/9 上午 0...

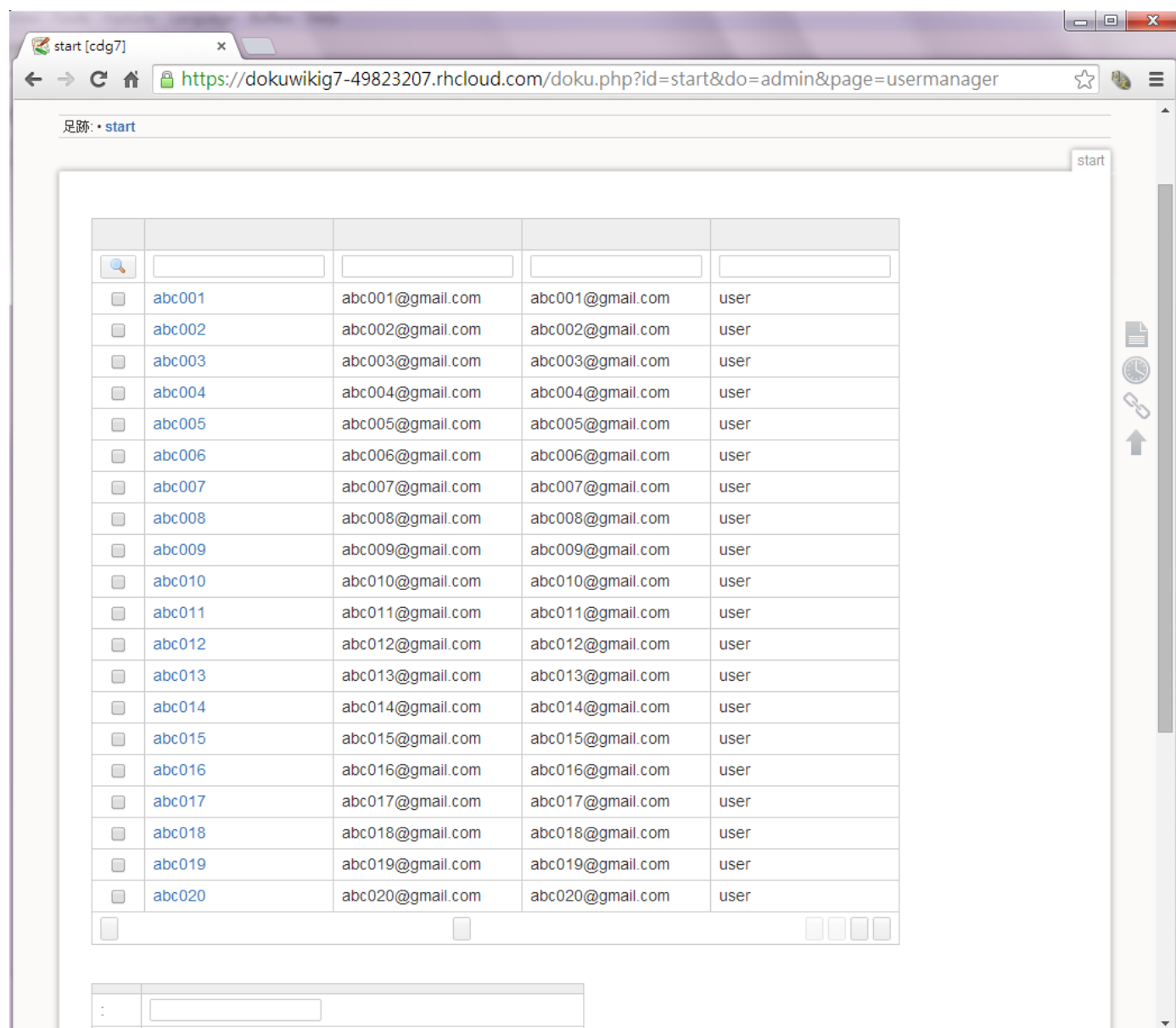
選取 1 個檔案. 總共大小: 35,432 Byte

檔案名稱	檔案大小	檔案類型	最後修改時間	權限
plugins....	428	PHP 檔案	2014/4/17 下...	-rw-----
scheme....	105	CONF 檔案	2014/4/17 下...	-rw-----
smileys....	748	CONF 檔案	2014/4/17 下...	-rw-----
users.au...	35,432	PHP 檔案	2014/4/22 下...	-rw-----
users.au...	153	DIST 檔案	2014/4/17 下...	-rw-----
users.au...	414	PHP 檔案	2014/4/17 下...	-rw-----
wordbl...	1,729	CONF 檔案	2014/4/17 下...	-rw-----

24 個檔案. 總共大小: 74,807 Byte

伺服器/本地檔案	方向	遠端檔案	大小	優先權	狀態
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Step4.登入 dokuwiki，至管理選單的 User Manager 看結果



*解題心得:

之前是一個一個做，藉由這次學會如何由程式來創造，省下許多時間和精神，也大幅改善出錯率，享受到由程式來做的優惠和益處

*Bitbucket 連結 <https://bitbucket.org/40123110/12344/overview>

*dokuwiki <https://dokuwikig7-49823207.rhcloud.com>