

Hack this site

Basic

Level 1

**Level 1(the idiot test)**

This level is what we call "The Idiot Test", if you can't complete it, don't give up on learning all you can, but, don't go begging to someone else for the answer, thats one way to get you hated/made fun of. Enter the password and you can continue.

password:

**Help!**  
If you have no idea what to do, you must [learn HTML](#).

根據題目線索，可以知道我們要找的密碼會在網頁的 HTML 上

Ans :

要查看網頁的原始碼，可在網頁案右鍵點選檢視網頁原始碼(Chrome)，然後依據題目說明發現 password 這邊可能有我們要的密碼

```
<b>Level 1(the idiot test)</b>
</center><br /><br />
This level is what we call "The Idiot Test", if you can't complete it, d
de fun of. Enter the password and you can continue. <br /><br />
<!-- the first few levels are extremely easy: password is 06dcf01e -->
<center><b>password:</b><br /><form action="/missions/basic/1/index.php"
    <center><table border="0" width="80%" cellspacing="0" cellpadding="0">
    <tr>
        <td class="dark-td">&nbsp;<b>Help!</b></td>
    </tr>
```

即可找到密碼：06dcf01e

Level 2

**Level 2**

Network Security Sam set up a password protection script. He made it load the real password from an unencrypted text file and compare it to the password the user enters. However, he neglected to upload the password file...

Password:

Ans :

由於他沒有上傳密碼檔案，直接用空密碼登錄就好

### Level 3

**Level 3**

This time Network Security Sam remembered to upload the password file, but there were deeper problems than that.

Password:

Ans :

`missions/basic/3/index.php`

找到此題的路徑後

```
>
/align="top" class="sitebuffer">

<center>
<b>Level 3</b></center><br />This time Network Security Sam remembered to upload
    <form action="/missions/basic/3/index.php" method="post">
    <input type="hidden" name="file" value="password.php" />
    <input type="password" name="password" /><br /><br />
    <input type="submit" value="submit" /></form>
```

可以發現密碼存放在 `password.php` 裡面，這時候把 `/index.php` 改成 `/password.php`，進去後就可以發現密碼了

### Level 4

**Level 4**

This time Sam hardcoded the password into the script. However, the password is long and complex, and Sam is often forgetful. So he wrote a script that would email his password to him automatically in case he forgot. Here is the script:

Password:

Ans：跟前面不一樣的地方在於除了檢視網頁原始碼，還有一個方法可以看到開發人員寫的程式碼，直接按鍵盤 **F12**，摸索一下後可以找到

```
▼<center>
  ▼<form action="/missions/basic/4/level4.php" method="post">
    <input type="hidden" name="to" value="sam@hackthissite.org"> == $0
    <input type="submit" value="Send password to Sam">
  </form>
</center>
<br>
<br>
▶<center>...</center>
```

這時候可以看到程式裡面 Sam 的 Mail，接下來就把它改成自己的，按發送密碼就會傳到自己的 Mail 裡面了

## Level 5

**Level 5**

Sam has gotten wise to all the people who wrote their own forms to get the password. Rather than actually learn the password, he decided to make his email program a little more secure.

Password:

Ans :

跟 Level 4 的解法一模一樣

## Level 6

**Level 6**

Network Security Sam has encrypted his password. The encryption system is publically available and can be accessed with this form:

Please enter a string to have it encrypted.

You have recovered his encrypted password. It is:

**f23e:=j@**

Decrypt the password and enter it below to advance to the next level.

Password:

Ans :

這次 Sam 把密碼加密了，加密後密碼為 f23e:=j@，我隨手輸入一組數字 12345 加密發現了一個規則：

1	2	3	4	5
+0	+1	+2	+3	+4
1	3	5	7	9

嘗試輸入 f11b:=d@ 加密後跑出 f23e>BjG 確認除了符號都沒錯，接著參考 ASCII 圖表反推剩下的符號即找到答案：f11b68d9

## Level 7

**Level 7**

This time Network Security sam has saved the unencrypted level7 password in an obscurely named file saved in this very directory.

In other unrelated news, Sam has set up a script that returns the output from the UNIX cal command. Here is the script:

Enter the year you wish to view and hit 'view'.

view

**Password:**

submit

Ans : UNIX 的指令 `ls` 可以列出指定目錄下的檔案，由於 Sam 已經執行 UNIX 的 `cal` 指令，所以要輸入一個分號(`;`)來結束第一個命令，輸入後就可以發現那個隱藏的檔案

```
      July 2019
Mon Tue Wed Thu Fri Sat Sun
  1   2   3   4   5   6   7
  8   9  10  11  12  13  14
 15  16  17  18  19  20  21
 22  23  24  25  26  27  28
 29  30  31
```

```
index.php
level7.php
cal.pl
.
..
k1kh31b1n55h.php
```