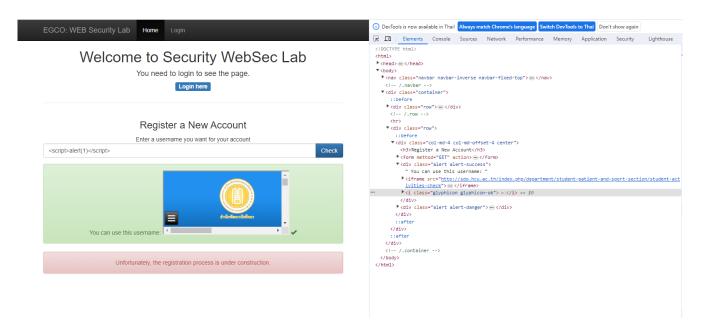
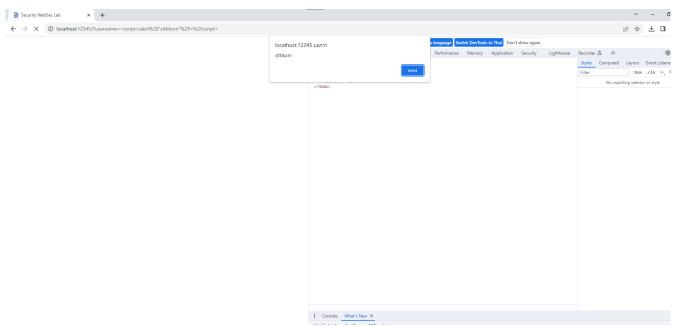
ID:	640315	Name:_	สิทธิกร เฉลิมกิตติชัย	Section :	01
			Lab5-6088xxx.docx" (Roblder in e-learning website	emoving all figures will help raccording to your session.	reduce the file size)
			<u>Lab 5 : Web</u>	Security	
Follov	v Lab 6 doo	cument (La	ab6.pdf) and answer these of	questions:	
Part	I: XSS				
1) 2)	Does the	e website	ame you have tested? _display correctly? _Nit display incorrectly? _		
4)			print out every charact e", by pressing Ctrl+u)	ter you input? (hint: you n	night need to
Ques	tion 2:				
1)	• •	ut " <h1>I</h1>		splays the word "Hello" ir	n large font?
	-		rame> to see if we can ne src="http://"> <td>include other website into</td> <td>this page. The</td>	include other website into	this page. The
	Choose	any webs	site's URL you want.		
	(If it disposed of the contract of the contrac		lank box, the website yo	ou chose might have XSS j	protection. Try
2)	What is src="htt section/s	your fina p://sdo.ho student-a	l input string?cu.ac.th/index.php/depactivities-check"> <td><iframe artment/student-patient-an me></iframe </td> <td>d-sport-</td>	<iframe artment/student-patient-an me></iframe 	d-sport-
3)			n of the result.		



Question 3:

- 1) Try input this username: "<script>alert(1)</script>" (without quote).
 What does it show?
- 2) Change the input above to display your name, and capture screen the result.



Let's try this input and answer what it displays.

- 3) <script>alert(document.title)</script> → Security WebSec Lab
- 4) <script>alert(document.location)</script> →
 http://localhost:12345/?username=%3Cscript%3Ealert%28document.location%29
 %3C%2Fscript%3E
- 5) <script>alert(document.referrer)</script> →

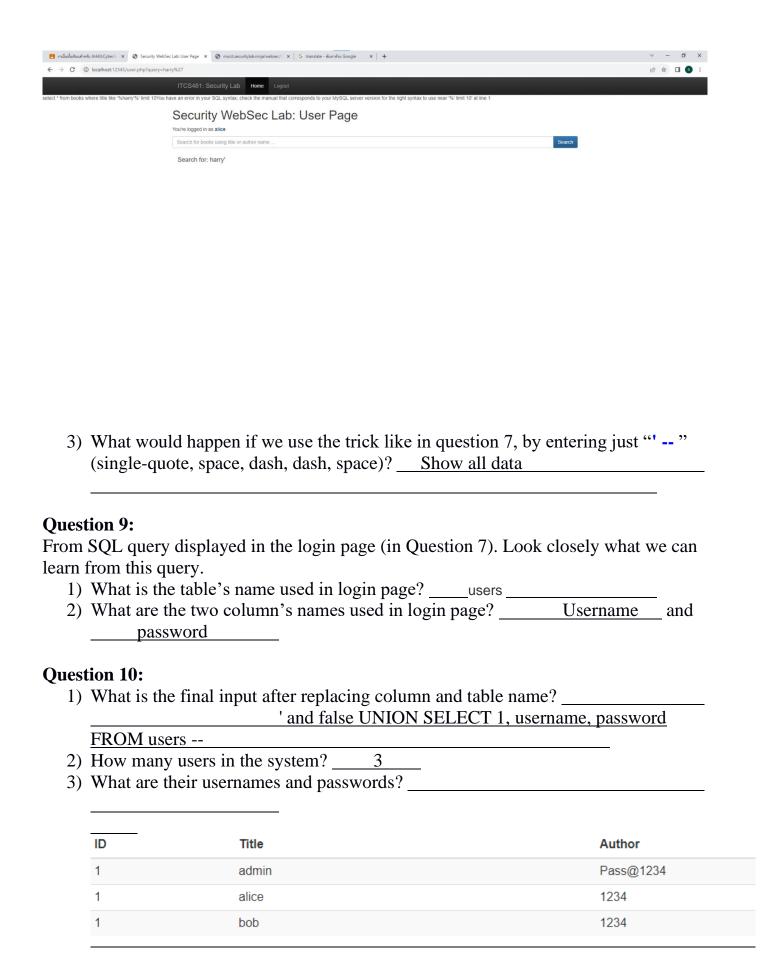
	http://localhost:12345/?username=%3Cscript%3Ealert%28document.locati					
	on%29%3C%2Fscript%3E					
6)	<script>alert(document.cookie)</script> → <u>username=anonymous</u>					
Ouest	tion 4:					
C 52 5 10 1	In a real situation, a victim would <u>NOT</u> manually type javascript code and hit					
	"Check" button himself. Do you think how an attacker makes a victim executes the javascript code?					
1)						
1)	Get data and change content text page in website					
	Get data and change content text page in website					
2)	If the trustworthy websites (such as Google, Facebook, Apple) have this					
2)	vulnerability, you think what could be the worst thing that happen to their users?					
	Chart and steel					
	Cheat and steal					
Dont	II: Cookie					
rart	11: Cookie					
Quest	tion 5:					
To	change a cookie value, type this in the developer tools panel					
docur	ment.cookie="username=alice", then enter.					
1)	Try viewing the cookie value again. Does the value change? Y (Y/N					
	If yes, what is the new value? <u>Username=alice</u>					
	Press F5 to reload the page.					
2)	Do you still on the same page?N(Y/N)					
,	If no, then what is the URL of the page? <u>http://localhost:12345/user.php</u>					
3)	Under what user, you have logged in as? alice					
3)	onder what user, you have logged in us.					
Onest	tion 6:					
Quest	Open a new tab in the browser, and go to the same URL.					
1)	http://muict.securitylab.ninja/websec/					
1)	Are you still logged in? N (Y/N)					
	Name along a superior of Electric and along the Electric at th					
	Now, close every tabs of Firefox and also exit Firefox browser. Then, open					
	Firefox again.					

 2) If you go to the same URL, are you still logged in? N (Y/N) 3) Try refresh the page about 3 times. Are you still logged in? N (Y/N)
Part III: SQL Injection
Question 7:
Try login again by appending a single quote (') to the username, such that it
becomes alice', and with the same password.
1) What is the SQL query now? You have an error in your SQL syntax; check the
manual that corresponds to your MySQL server version for the right syntax to use
near 'pass" at line 1select * from users where username='alice" and
password='pass' 2) Did it run correctly (without error) ? N (Y/N)
If not, you think why the input caused an error?
<u> </u>
If using double dash () in SQL statement means commenting until the end of
the line.
3) What do you think will happen if you use username as "alice' " (with a space a
the end)? comment all after – and then I can login it.
Try it
Question 8:
Checking if this form (user.php) is vulnerable to SQL injection. (hint: make it
causes an error.)

Q

- 1) What is the input you use to make it errors?

 select * from books where title like '%harry'%' limit 10You have an error in your SQL syntax; check
 the manual that corresponds to your MySQL server version for the right syntax to use near '%' limit 10' at line 1
- 2) Capture a screenshot of when it errors.



Part IV: Command Injection

Question 11:						
1) Did the web page show the result of the command "ls"?Y (Y/N)						
If yes, then you would know all the files in current directory.						
2) What are the file names in this directory? (list only .php file)						
admin.php						
config.php						
index.php						
login.php						
logout.php						
user.php						
3) In one of the .php files, it contains usernames and passwords to connect to						
MySQL database. Find out what file it is?config.php						
4) What are the usernames and passwords for connecting database?						
username = lab9 passwords = MUICTCTFPassword						
$\frac{1}{\text{database} = \text{lab0}}$						