

SE Factory

Day 29 - Assignments

version 01BD_1603

Change Log

Delivery Deadline: Thursday April 21st EOD

Problem Set belongs to <http://enigmagroup.org>

Javascript

Exercise 1

A novice web developer thinks that he's doing a good job creating a complicated front-end authentication mechanism. He is doing it the wrong way!

Your job is to **find the password** that will allow you to login to this system by reverse engineering the code below.

```
<script type = "text/javascript" >
function checkPass( password ) { var total = 0 ;
var charlist = "abcdefghijklmnopqrstuvwxyz" ;
for ( var i = 0; i < password.length; i++ ) {
var countone = password.charAt ( i ) ;
var counttwo = ( charlist.indexOf( countone )) ;
counttwo++; total *= 17; total += counttwo; }
if ( total == 248410397744610 ) { setTimeout (
"location.replace('index.php?password="+password
+ "' ) ; " , 0 ) } else { alert (
"Sorry, but the password was incorrect." ) ; } }
</script>
```

Exercise 2

Develop a small todo list app in your browser as per the template provided below. Your application should be interactive i.e. the page should not refresh when you add or remove an element.

Your application should also perform validation for user input, an item without a title and description cannot be accepted.

You will use HTML5's Web Storage API to store and retrieve items.

Your application should run by going to the URL: <http://<machine-ip>/todo/index.php>

Template

SEF Todo List

Item

Get clothes from laundry

Add

The clothes will be ready at 9:00AM
Don't forget to settle the bill.

Pickup kids from school
added: Tuesday, April 19 2016 15:23

X

Drop-off sally to her ballet class at 3:30PM

Pickup kids from school
added: Tuesday, April 19 2016 15:23

X

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