HW6 (8 points)

**Q1 (6 points)** Given the php file and the css file (*HW6security.php*, *style.css*) with the form below, craft inputs to deface the webpage:

***Original page:***

Graphical user interface, text, application

Description automatically generated

1. (2 points) Craft an input to display a message on a new line: “Yes, I am a hacker.” after hitting the “Try it!” button:

Graphical user interface, text, application

Description automatically generated

Give your answer (input) here, and provide a screenshot of the defaced webpage:

"><br>Yes, I am a hacker.<?=

A screenshot of a computer

Description automatically generated with medium confidence

1. (2 points) Craft an input to display an image of your own choice after hitting the “Try it!” button:

Graphical user interface

Description automatically generated

Give your answer (input) here, and provide a screenshot of the defaced webpage:

"><br><img src=<https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcS2Fp6rLe-G3CE2UDUoz6W3azv0JtrQrbR-VQ&usqp=CAU>

A screenshot of a computer

Description automatically generated with medium confidence

1. (2 points) Revise the code in the php file to avoid such HTML injections. Write the new part of code here (not the codes of the whole php file).

<input name="hacker" id="hacker" type="text" size="12pt" value="<?=htmlentities($myinput)?>"/>

**Q2 (2 points)** Given the *SkywardFlyers.php* and *ValidateUser.php* file in the *Flyer1.zip* (you can download from Canvas), with a part of the codes and screenshot below:

* Part of the codes in *ValidateUser.php:*

*Text

Description automatically generated*

* Part of screenshot of *SkywardFlyers.php*

**Graphical user interface, application

Description automatically generated**

Suppose there is already a registered flyer (user account) with email as myemail@csusm.edu, craft two different password inputs to successfully log into the website without knowing its correct password.

Give your answer (crafted password input) here:

1. Password 1:

anything' or 'x'='x

1. Password 2:

hi' or '1'='1

Late submissions: Late submissions are accepted up to 24 hours with 10% of penalty. No submission later than 24 hours.