CTIS 256
HW #2

Submission/Deadline: 14 July 2022, 23:59, through Moodle.

Write a web application (hw2.php) that validates particular UI elements in the web form.
Form elements are

1. **Fruits Part**: It pulls (loads) fruit names and prices from "fruits.php" file. It <u>generates</u> a checkbox for each fruit. *Hint:* use checkbox group with a single array name such as "fruitsSelected[]" in the name part of all checkboxes.
2. **Payment Method Part**: It contains two radio buttons, VISA and MultiNet. Initially, none is selected.
3. **VISA/MultiNet Number**: there is a textbox to enter a VISA or MultiNet card number.

Validation Rules:

- Fruit Part: At least one fruit must be selected.
- Payment Method: VISA or MultiNet should be selected.
- VISA/MultiNet: (Regular Expression)
    - VISA: Visa Card Number is in a 16-digits format. They are group of four, and each of which is separated by hyphen(-). All Visa Card Numbers start with 4.
      (Valid) : **4**123-5434-1234-6523
    - MultNet: it starts with TCKT-, and it is followed by three letters (a-zA-Z), and a hypen(-), and then 4 to 6 digits at the end.
      (Valid) : TCKT-Rtx-8080

If there exists at least one invalid element, it show "Form Invalid" at the top, and the error messages appear on the right side of the related parts in red. (check out hw2.mp4), Fig 1. However, if all validation rules are satisfied, it displays "Form Valid" in green.

The form should remember previously submitted data (*both in error and succes cases*).

Do not forget to watch "***hw2.mp4***" that shows what you are supposed to do.

Fig 1: Error Cases

Grading:

- (20Pts) Show all fruits from $fruits array as checkboxes.
- (10Pts) Fruit validation.
- (10Pts) Payment Method validation.
- (15Pts) VISA validation.
- (15Pts) MultiNet validation.
- (20Pts) Sticky Form
- (10Pts) Form Valid/Invalid Message at the top.

- Good Luck -