

Unit 5 Learning Diary: Writing JavaScript

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This unit is about writing JavaScript in the website. After running through many ideas in my head, I decided to add these three features in my web:

1. True form validation.

Since the previous version(unit4) Only can detect if the user entered something or not. I decide to let the program detect other things: For names, The user can only enter standard alphabet letters, all over special characters will be warned. Phone number can only take numbers. And there is also a "badword" Detector at the input section.

2. Investment simulation

Once the user click the button under the "stocks" page. The code will calculate a random number and added to its initial values, and a for loop is used so the number will be changed multiple times and added to previous itself. Thus the user can experience how volatile the stock market is

3. Shopping cart:

From this website: <https://code-boxx.com/simple-vanilla-javascript-shopping-cart/> I learned how a shopping cart works. With modifications, I turned this cart to a shopping cart that allows the user to save the product they want to purchase.

Learning Outcomes	Evidence of Meeting the Learning Outcome	Your Own Assessment of the Grade You Believe Would Be Appropriate
- write well-structured, easily maintained JavaScript code following accepted good practice.	The form now can filter out bad inputs The user can experience a random stock market investment scenario A shopping cart is created	A