

21iLAB - Junior Web Developer - Assignment

The candies

Build a simple website that has two pages :

1. A login page that connects to a db (named "backend") and checks if in a table (named "users") there is a user with the email "user@21ilab.com" and password "21ilab_123456!" (encryption SHA256)
2. After login you must access a page, with a single text input and a single button. In the text you must write the amount of M (money) and clicking on the button you must obtain, through an algorithm, the result to the following problem : "You have M money to buy candies that cost 5 each. Every 3 empty wrappers you bring back to the store you get one extra free candy piece. How many pieces of candy C will you eat?"
 - How many candies C will you eat for M = 10?
 - How many candies C will you eat for M = 25?
 - How many candies C will you eat for M = 40?

Useful to know

- You choose how to display the result
- Create a layout using HTML/CSS
- You can choose if the login page uses AJAX or not

Bonus

- Use Git
- Use a framework

Notes

Please let us know how much time it took you to complete the assignment.