Fanyu Meng
B00843258
Code Review

First one (the old one)

```html
<aside class="container1">
  <section>
    <h2>Customer Information</h2>
  </section>
  <form action="#" method="post">
    <label for="name">Name</label>
    <input type="text" name="name" id="name">
    <br>

    <label for="email">Email</label>
    <input type="email" name="email" id="email">
    <br>
    <label id="label1" for="message">Message </label>
    <textarea name="message" id="message" cols="30" rows="10"></textarea>
    <input type="submit" value="Submit">
    <br>
  </form>
  <p>Style of the car in Each brands:</p>
```
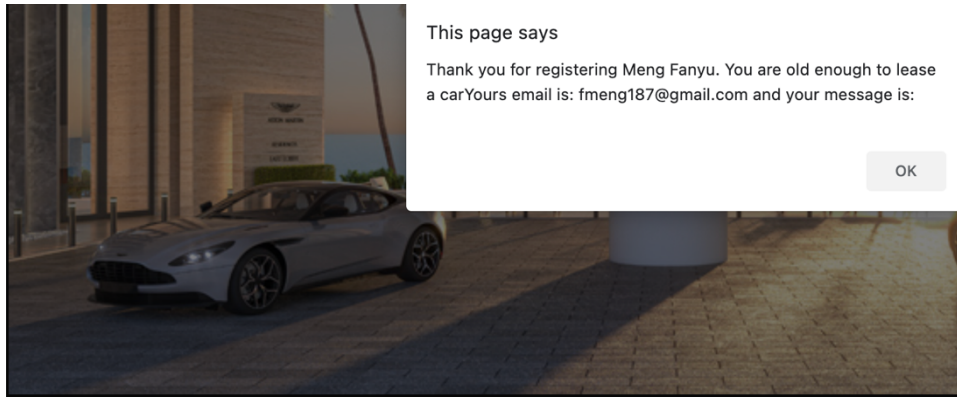
The old webpage looks like:

Customer Information

Name

Email

Message

Submit

The new webpage looks like:

This page says

Thank you for registering Meng Fanyu. You are old enough to lease a carYours email is: fmeng187@gmail.com and your message is:

OK

Customer Information

LastName Fanyu
FirstName Meng
Email fmeng187@gmail.com
Age
22

The designning that I desired:

The Basics

New vehicles

Any body style

Hyundai

Kona

Min   km   Max   km

Min year   Max year

2 vehicles match your search   Reset   Sort by: Newest

New 2023 Hyundai Kona N-Line N Line Ultimate Awd
O'Regan's Dartmouth Hyundai
Stock image - May not be exactl... $36,574

Colour: Ignite Flame (Red)
Engine: 1.6 Litre
Transmission: Auto
Drivetrain: All-Wheel drive
Fuel Type: Gas
Stock #: DH21458

CHAT WITH US

The new one that I modified:

```
function submitMessage() {

  let lastName = document.getElementById("LastName").value;
  let firstName = document.getElementById("FirstName").value;
  let age = document.getElementById("age").value;

  if (age < 18) {
    alert("You are not old enough to lease a car");
  } else {

    alert("Thank you for registering " + firstName + " " + lastName + ". You are old enough to lease a car"
      + "Yours email is: " + document.getElementById("email").value + " and your message is: " + document.getElementById("message").value
  }

}
```

I added an additional button called "Age"

Then I designed a function named submit message,
Use getElelmentById, I will get the input from the user, then I creating three variables called last Name first Name and age,
Then I creating and conditional part for the age.

I wanted to add an age function. After the user enters the age, the user judges that the other person is adult and displays the user information. If the user is underage, the user information will not be displayed
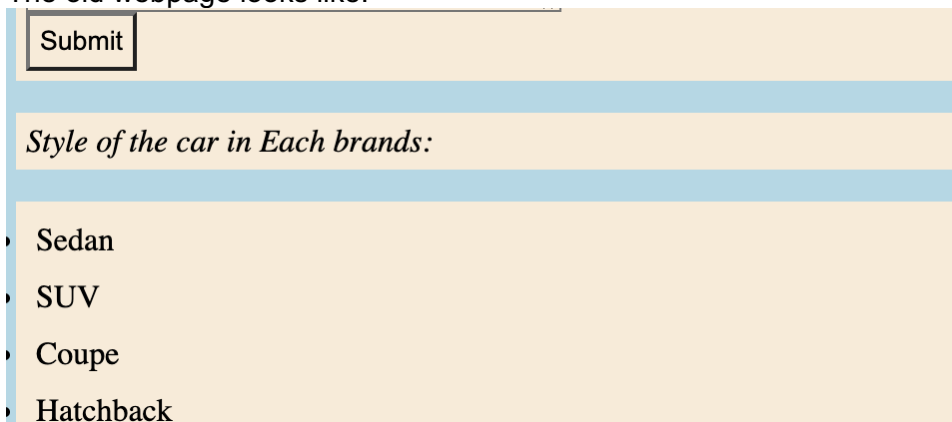I fi

```
document.getElementById("submitButton").addEventListener("click", submitMessage);
document.getElementById("color1").addEventListener("click", change_color1);
document.getElementById("color2").addEventListener("click", change_color2);
document.getElementById("color3").addEventListener("click", change_color3);
```

The second one

The old one:

```
        </form>
        <p>Style of the car in Each brands:</p>
        <ul>
            <li>Sedan</li>
            <li>SUV</li>
            <li>Coupe</li>
            <li>Hatchback</li>
            <li>Convertible</li>

        </ul>
```
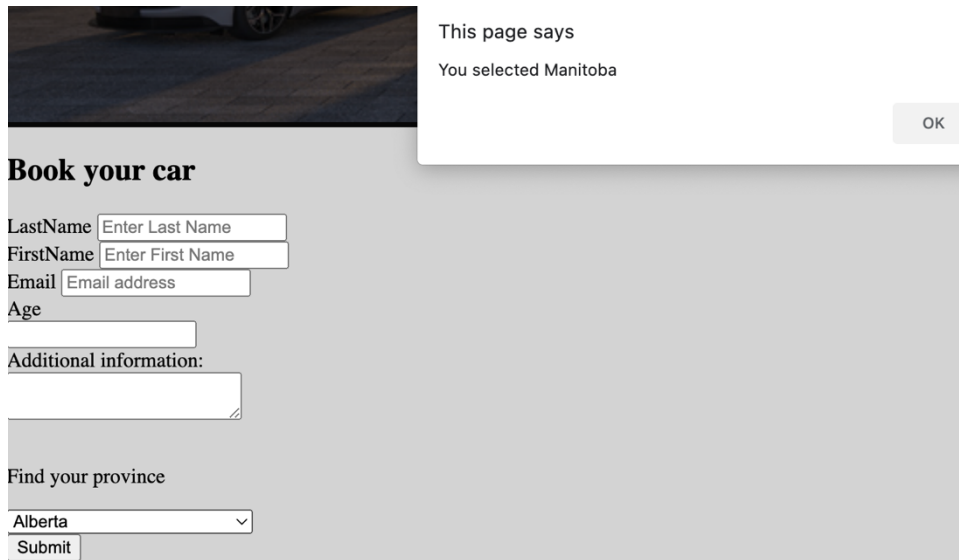
The old webpage looks like:

Submit

Style of the car in Each brands:

- Sedan
- SUV
- Coupe
- Hatchback

The new webpage looks like:

This page says

You selected Manitoba

OK

Book your car

LastName Enter Last Name
FirstName Enter First Name
Email Email address
Age

Additional information:

Find your province

Alberta
Submit

The desired designed should looked like:

Location

Any region

O'Regan's Dartmouth Hyu...

Exact Vehicle

Any stock number

CHAT WITH US

I designed a button named Find your province,

Users choose their own region according to the demand, click on their own province, the page will pop up to show your region

I designed a section named "province" in HTML code, to store the name of the province in Canada,
Then I designed a function that select the user's input, I created a variable named Selected Province, to store the customer's current selection.

```
<p>Find your province</p>
<select id="province" name="province">
  <option value="Alberta">Alberta</option>
  <option value="British Columbia">British Columbia</option>
  <option value="Manitoba">Manitoba</option>
  <option value="New Brunswick">New Brunswick</option>
  <option value="Newfoundland and Labrador">Newfoundland and Labrador</option>
  <option value="Nova Scotia">Nova Scotia</option>
  <option value="Ontario">Ontario</option>
  <option value="Prince Edward Island">Prince Edward Island</option>
  <option value="Quebec">Quebec</option>
  <option value="Saskatchewan">Saskatchewan</option>
  <option value="Northwest Territories">Northwest Territories</option>
  <option value="Nunavut">Nunavut</option>
  <option value="Yukon">Yukon</option>
</select>
</form>
```

```
document.getElementById('province').addEventListener('change', function () {
  // Get the selected province value
  let selectedProvince = this.value;
  // Call the handleSelectedProvince function
  handleSelectedProvince(selectedProvince);
});
```

The 3rd one:

```
</form>
<p>Changing the background color:</p>
<button id="submitButton">Submit</button>
<button id="color1">Color1</button>
<button id="color2">Color2</button>
<button id="color3">Color3</button>
<p>Style of the car in Each brands:</p>
<ul>
```
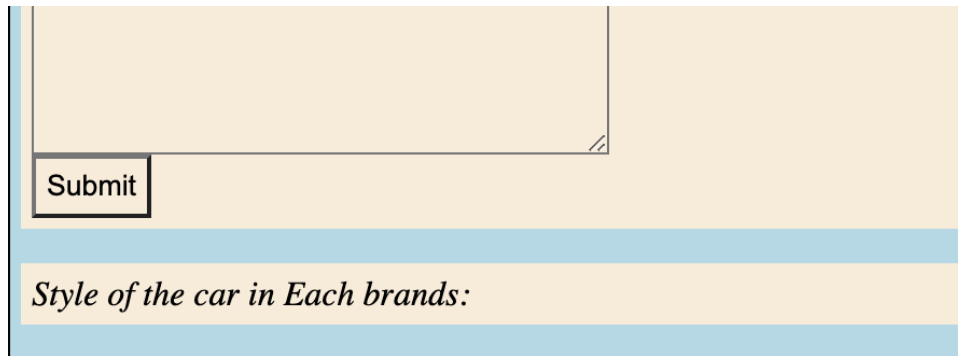
The desired should looked like:

Any VIN

Reset   Q Search

The current that I designed looked like:

Find your province

Alberta

Submit

Click to Changing the color

Color1   Color2   Color3

The previous submit button looked like

Submit

Style of the car in Each brands:

I changed the color of the submit button

When the user clicked the changing color button, the background color of the submit button will be changed also,

I adds an Event handloader to the code in JavaScript, this part is written inside the Color changing function, but it has different function

```
function change_color2() {

  document.body.style.backgroundColor = "#0096c7";
  document.getElementById("submitButton").style.backgroundColor = "#a6d09f";

}
```

```
document.getElementById("submitButton").addEventListener("click", submitMessage);
```

The 4th one

The desired should looked like:

Fuel Type

- All
- Fuel Only
- Hybrid
- Plug In Hybrid
- Fuel Cell Electric

LEASE FROM

$ 130[†]@ 7.79[%]APR

WEEKLY FOR 60 MONTHS WITH $4,950 DOWN, INCL. F+PDI

Shopping Tools

The current website that I have(new):

LastName Enter Last Name

FirstName Enter First Name

Email Email address

Age

Additional information:

The previous website looked like(old):

Name

Email

Message

Submit

I designed the color changing bar for the name email and the message parts

When the user clicks on the Fist name and Last Name and Message and email button
The background color of the website will be changed

I changed the code by creating each of the background color function,
I created five functions for the background color changing, the are changing the first name and
last Name's color.

This is the code I have below:

```
/*Function Changing color when clicking LastName */
function change_ButtonColorL() {
  document.getElementById("LastName").style.backgroundColor = "#f590a2";
}
/*Function Changing color when clicking FirstName */
function change_ButtonColorF() {
  document.getElementById("FirstName").style.backgroundColor = "#f590a2";
}


/*Function Changing color when clicking Email */
function change_ButtonColorE() {
  document.getElementById("email").style.backgroundColor = "#f590a2";
}

/*Function Changing color when clicking Age */
function change_ButtonColorA() {
  document.getElementById("age").style.backgroundColor = "#f590a2";
}

/*Function Changing color when clicking Message */
function change_ButtonColorM() {
  document.getElementById("message").style.backgroundColor = "#f590a2";
}
```

```
/*Changing color when clicking buttons */
document.getElementById("LastName").addEventListener("click", change_ButtonColorL);
document.getElementById("FirstName").addEventListener("click", change_ButtonColorF);
document.getElementById("email").addEventListener("click", change_ButtonColorE);
document.getElementById("age").addEventListener("click", change_ButtonColorA);
document.getElementById("message").addEventListener("click", change_ButtonColorM);
```

The 5th one:

The desired webpage should look like:

The current webpage that I have(new):

Rating our service

Rating: ★ ★ ★ ★ ☆

Update rating: | Rate 1 | Rate 2 | Rate 3 | Rate 4 | Rate 5 |

The previous page looked like(old):

Audi Benz BMW Home Page

BMW production history

The official founding date of the German motor vehicle manufacturer BMW
Otto Flugmaschinenfabrik) was established.[1][2] This company was rename
017 when Bayer Motors and also and its owner to Bayerische Motoren W

I designed the rating service button in each of the subpage, in A2, which is the previous page, I didn't design this part for the user, in previous A2, there is simply the information page and navigation page

In this function, the user clicks on the rate button, there is an alter popped out the window, make an example: thanks for you rating us 4 stars

I designed a function called updateRating, through is statement, I classified the user's rating from one to five.

Then I set the previous color of the star is light Gray, when the color of the star updated in to blue, the new color will cover the old one, which is the light Gray

In that case, the color of the star will be changed corresponding to the user's choice

This is the code I have:

```javascript
/* Function that for rating By citing the Zybook chapter 7.2 */
let rate5Button = document.getElementById("rate5Btn");
rate5Button.addEventListener("click", function () { updateRating(5) });
let rate4Button = document.getElementById("rate4Btn");
rate4Button.addEventListener("click", function () { updateRating(4) });
let rate3Button = document.getElementById("rate3Btn");
rate3Button.addEventListener("click", function () { updateRating(3) });
let rate2Button = document.getElementById("rate2Btn");
rate2Button.addEventListener("click", function () { updateRating(2) });
let rate1Button = document.getElementById("rate1Btn");
rate1Button.addEventListener("click", function () { updateRating(1) });

function updateRating(newRating) {
  let star1 = document.getElementById("rating1");
  let star2 = document.getElementById("rating2");
  let star3 = document.getElementById("rating3");
  let star4 = document.getElementById("rating4");
  let star5 = document.getElementById("rating5");

  star1.style.color = "lightgray";
  star2.style.color = "lightgray";
  star3.style.color = "lightgray";
  star4.style.color = "lightgray";
  star5.style.color = "lightgray";

  if (newRating >= 1) {
    star1.style.color = "blue";

  }
  if (newRating >= 2) {
    star2.style.color = "blue";

  }
  if (newRating >= 3) {
    star3.style.color = "blue";
```