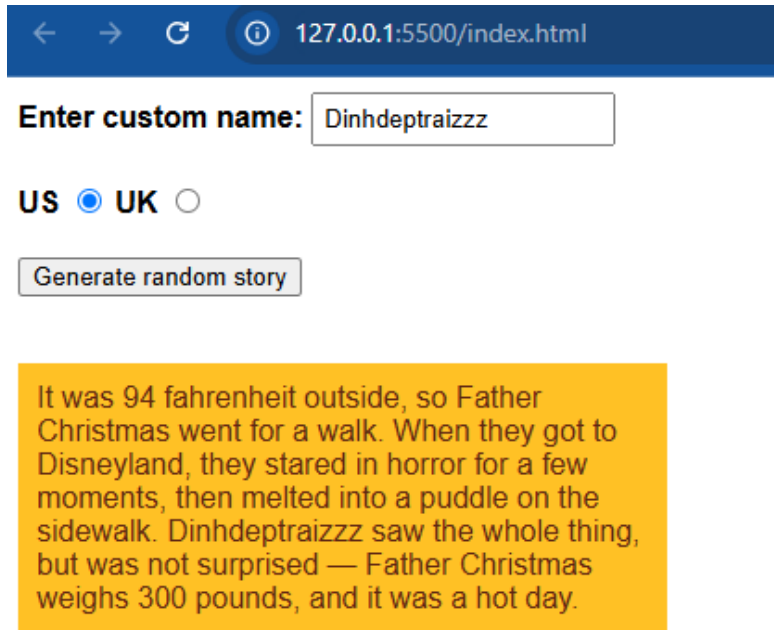


Họ và tên: Phạm Quang Dinh

MSSV: 22520252

LAB5.1

Ảnh kết quả



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/index.html". Below the address bar, there is a form with the label "Enter custom name:" followed by a text input field containing "Dinhdeptraiizz". Below the input field, there are two radio buttons: "US" (selected) and "UK". At the bottom of the form, there is a button labeled "Generate random story". Below the form, there is a yellow box containing the generated story text.

Enter custom name:

US ☒ UK ☐

It was 94 fahrenheit outside, so Father Christmas went for a walk. When they got to Disneyland, they stared in horror for a few moments, then melted into a puddle on the sidewalk. Dinhdeptraiizz saw the whole thing, but was not surprised — Father Christmas weighs 300 pounds, and it was a hot day.

Enter custom name:

US ☐ UK ☒

It was 34 centigrade outside, so Willy the Goblin went for a walk. When they got to the soup kitchen, they stared in horror for a few moments, then melted into a puddle on the sidewalk. Dinhdeptraizzz saw the whole thing, but was not surprised — Willy the Goblin weighs 21 stone, and it was a hot day.

Ảnh Source code

```

main.js
LAB5.1 > main.js > ...
1  const customname = document.querySelector('#customname');
2  const randomize = document.querySelector('.randomize');
3  const story = document.querySelector('.story');
4  /*22520252 - Pham Quang Dinh*/
5  function randomValueFromArray(array) {
6      const random = Math.floor(Math.random() * array.length);
7      return array[random];
8  }
9
10 const storyText = 'It was 94 fahrenheit outside, so :insertx: went for a walk. When they got to :inserty:, they stared in horror for a few moments, then :in
11 /*22520252 - Pham Quang Dinh*/
12 const insertX = [
13     'Willy the Goblin',
14     'Big Daddy',
15     'Father Christmas'
16 ];
17 | Ctrl+L to chat, Ctrl+K to generate
18 const insertY = [
19     'the soup kitchen',
20     'Disneyland',
21     'the White House'
22 ];
23
17 | Ctrl+L to chat, Ctrl+K to generate
18 const insertY = [
19     'the soup kitchen',
20     'Disneyland',
21     'the White House'
22 ];
23
24 const insertZ = [
25     'spontaneously combusted',
26     'melted into a puddle on the sidewalk',
27     'turned into a slug and crawled away'
28 ];
29 /*22520252 - Pham Quang Dinh*/
30 randomize.addEventListener('click', result);
31
32 function result() {
33     let newStory = storyText;
34
35     const xItem = randomValueFromArray(insertX);
36     const yItem = randomValueFromArray(insertY);
37     const zItem = randomValueFromArray(insertZ);
38
39     newStory = newStory
40         .replaceAll(':insertx:', xItem)
41         .replace(':inserty:', yItem)
42         .replace(':insertz:', zItem);
43
44     if (customname.value !== '') {
45         newStory = newStory.replace('Bob', customname.value);
46     }
47 /*22520252 - Pham Quang Dinh*/
48 if (document.getElementById("uk").checked) {
49     const weight = Math.round(300 * 0.0714286) + ' stone';
50     const temperature = Math.round((94 - 32) * 5 / 9) + ' centigrade';
51     newStory = newStory.replace('94 fahrenheit', temperature);
52     newStory = newStory.replace('300 pounds', weight);

```

```
41     .replace(':insertz:', yItem);
42     .replace(':insertz:', zItem);
43
44     if (customname.value !== '') {
45         newStory = newStory.replace('Bob', customname.value);
46     }
47     /*22520252 - Pham Quang Dinh*/
48     if (document.getElementById("uk").checked) {
49         const weight = Math.round(300 * 0.0714286) + ' stone';
50         const temperature = Math.round((94 - 32) * 5 / 9) + ' centigrade';
51         newStory = newStory.replace('94 fahrenheit', temperature);
52         newStory = newStory.replace('300 pounds', weight);
53     }
54
55     story.textContent = newStory;
56     story.style.visibility = 'visible';
57 }
58 /*22520252 - Pham Quang Dinh*/
```

LAB5.2

Ảnh kết quả

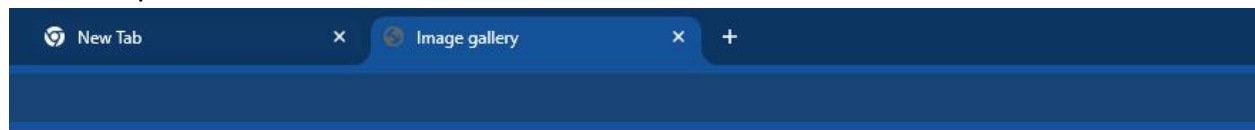


Image gallery example

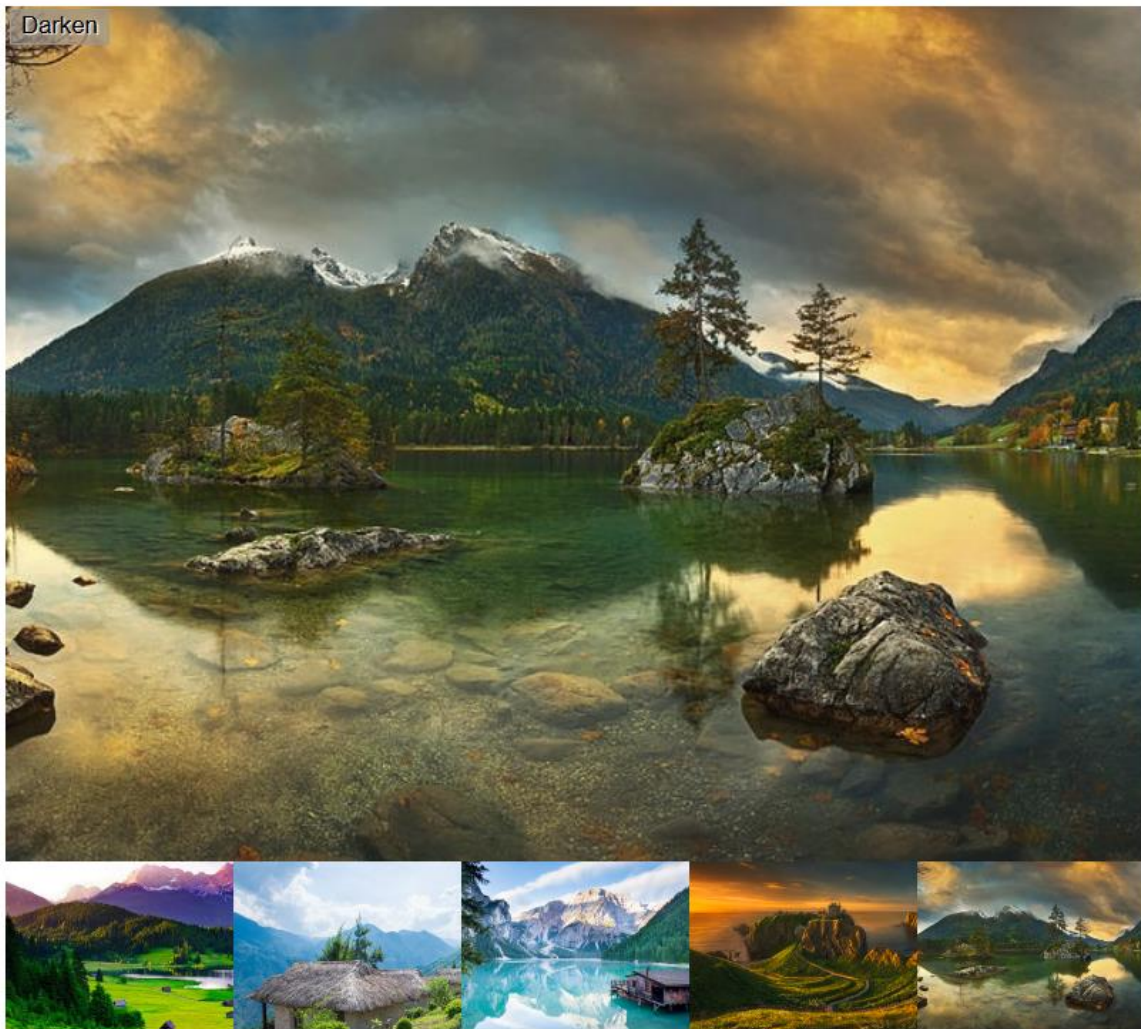


Image gallery example

Darken

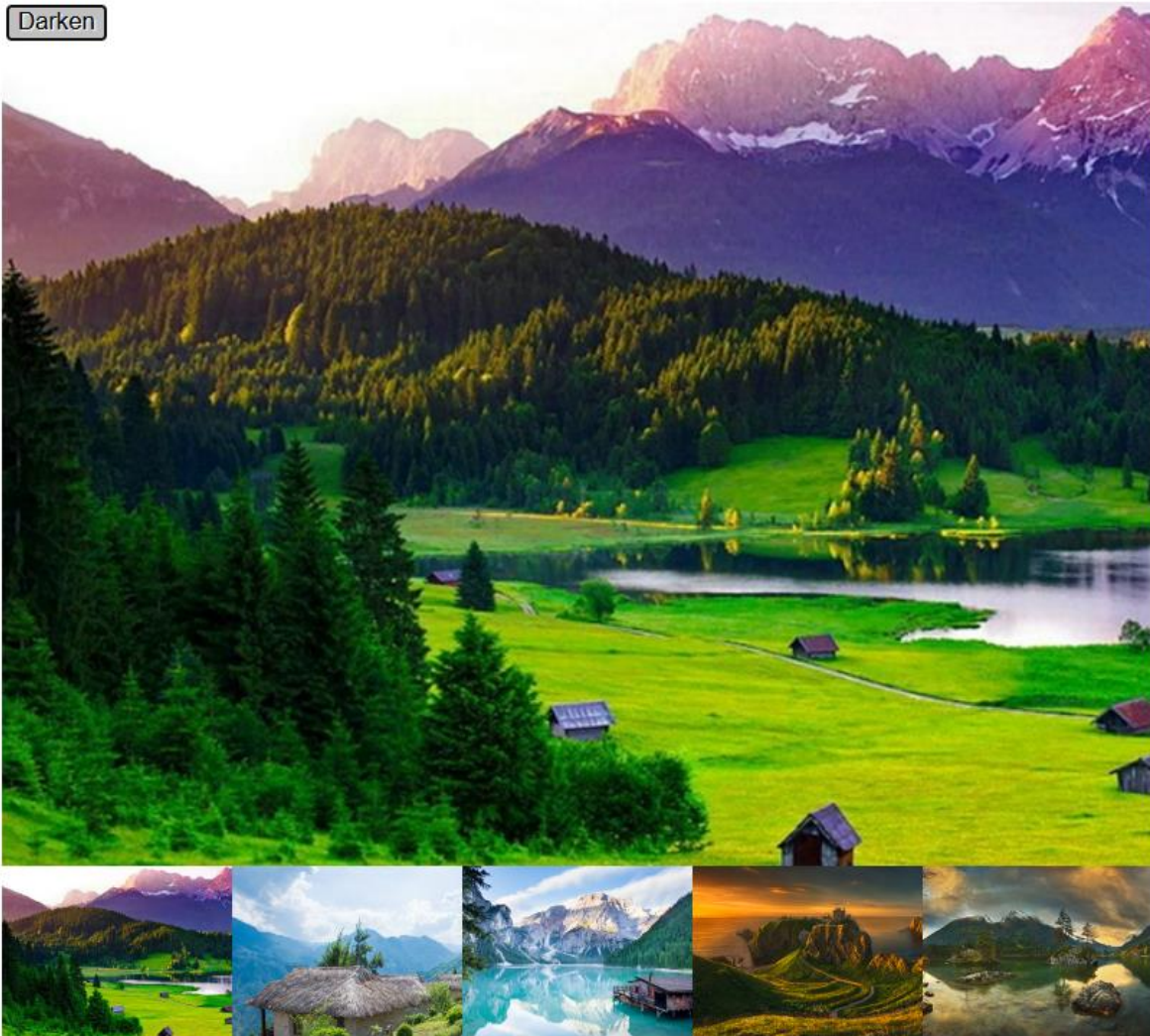




Image gallery example

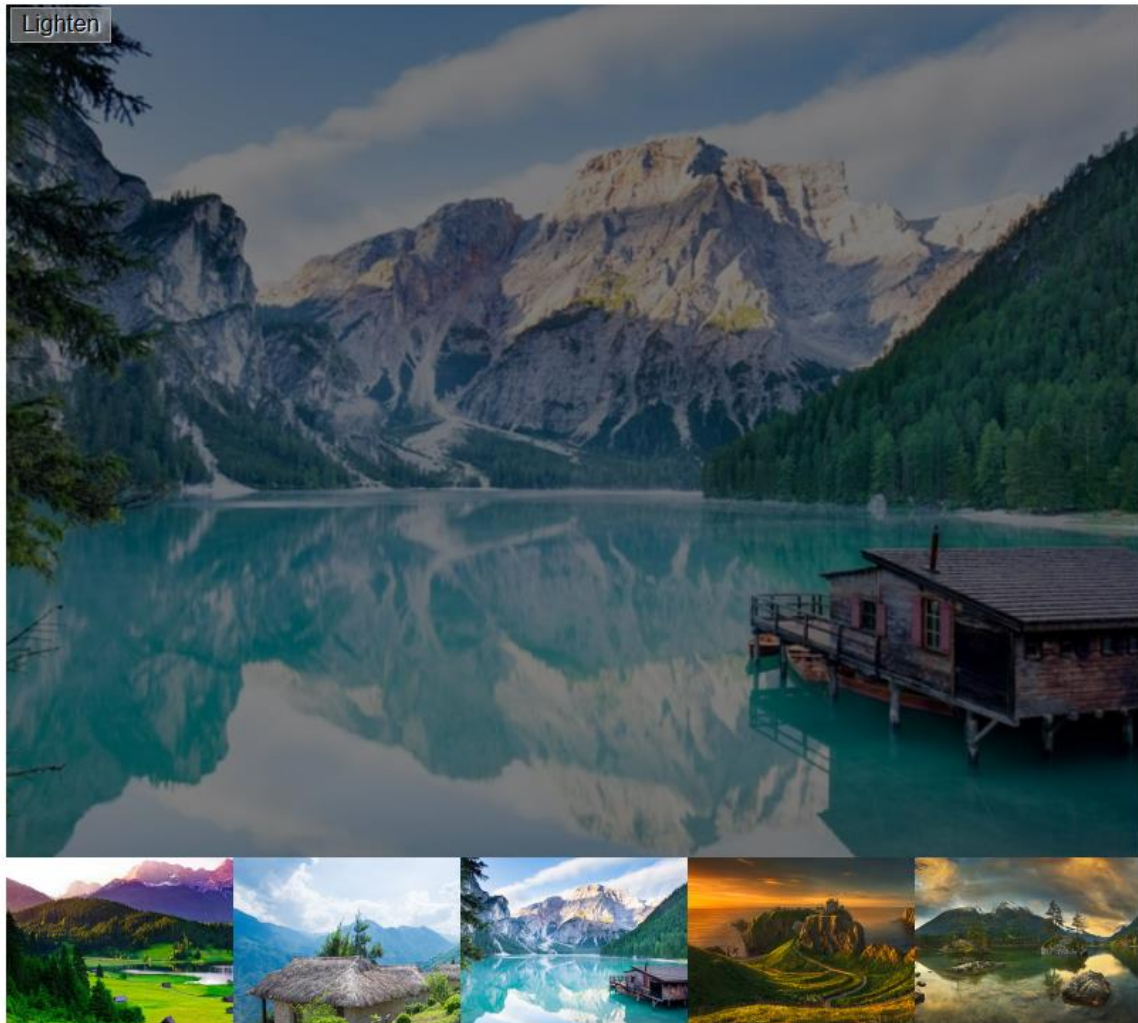
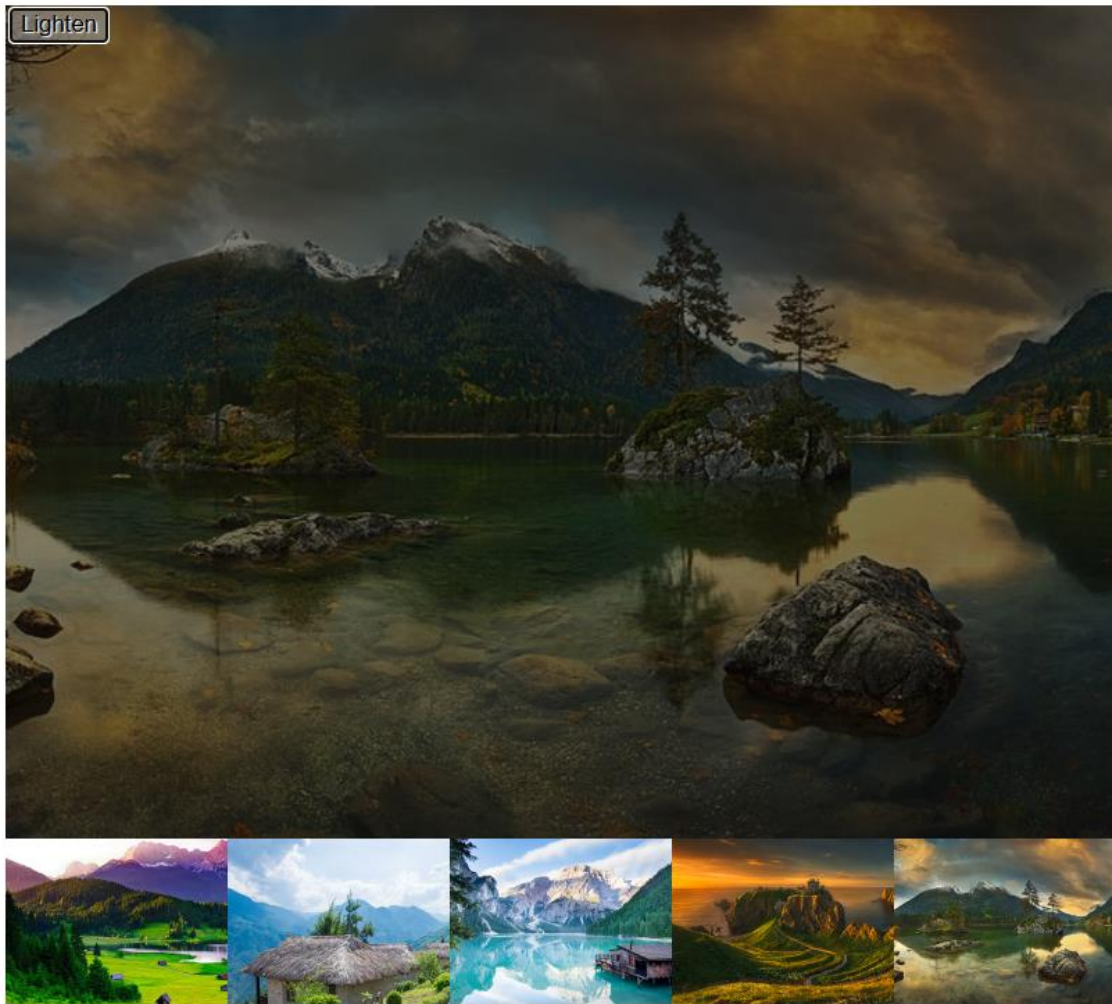




Image gallery example



Ảnh Source:

```
main.js × index.html
LAB5.2 > main.js > ...
1  const displayedImage = document.querySelector('.displayed-img');
2  const thumbBar = document.querySelector('.thumb-bar');
3  /*22520252 - Pham Quang Dinh*/
4  const btn = document.querySelector('button');
5  const overlay = document.querySelector('.overlay');
6
7
8  for(let i = 1; i <= 5; i++) {
9      const newImage = document.createElement('img');
10     newImage.setAttribute('src', `images/pic${i}.jpg`);
11
12     /*22520252 - Pham Quang Dinh*/
13     newImage.onclick = function(e) {
14         displayedImage.setAttribute('src', e.target.getAttribute('src'));
15     }
16
17     thumbBar.appendChild(newImage);
18 }
19
20 btn.onclick = function() {
21     const currentClass = btn.getAttribute('class');
22     /*22520252 - Pham Quang Dinh*/
23     if(currentClass === 'dark') {
24         btn.setAttribute('class', 'light');
25         btn.textContent = 'Lighten';
26         overlay.style.backgroundColor = 'rgba(0,0,0,0.5)';
27     } else {
28         btn.setAttribute('class', 'dark');
29         btn.textContent = 'Darken';
30         overlay.style.backgroundColor = 'rgba(0,0,0,0)';
31     }
32 }
33 /*22520252 - Pham Quang Dinh*/
```