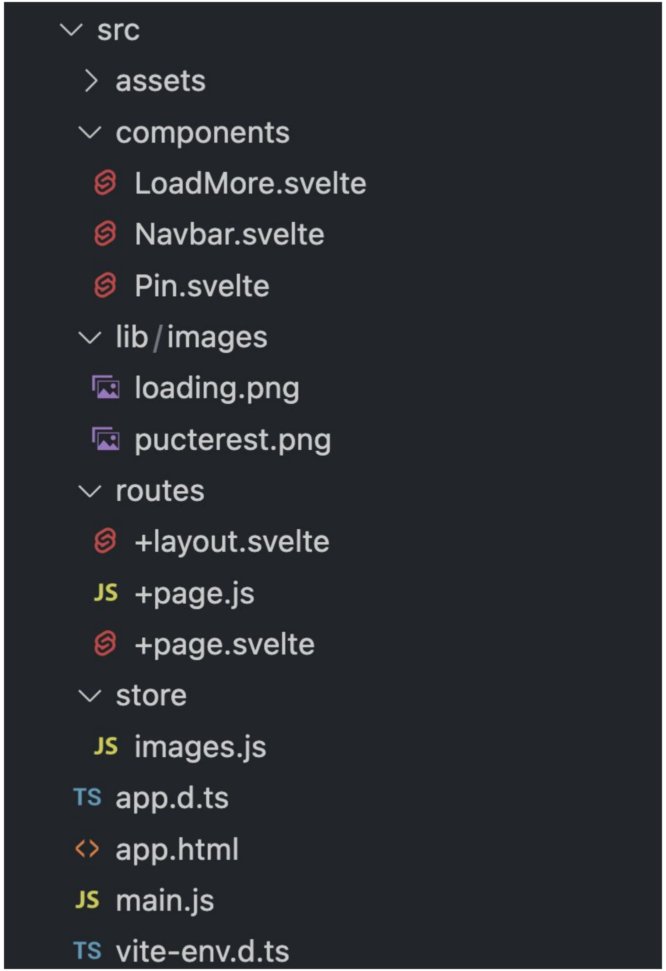
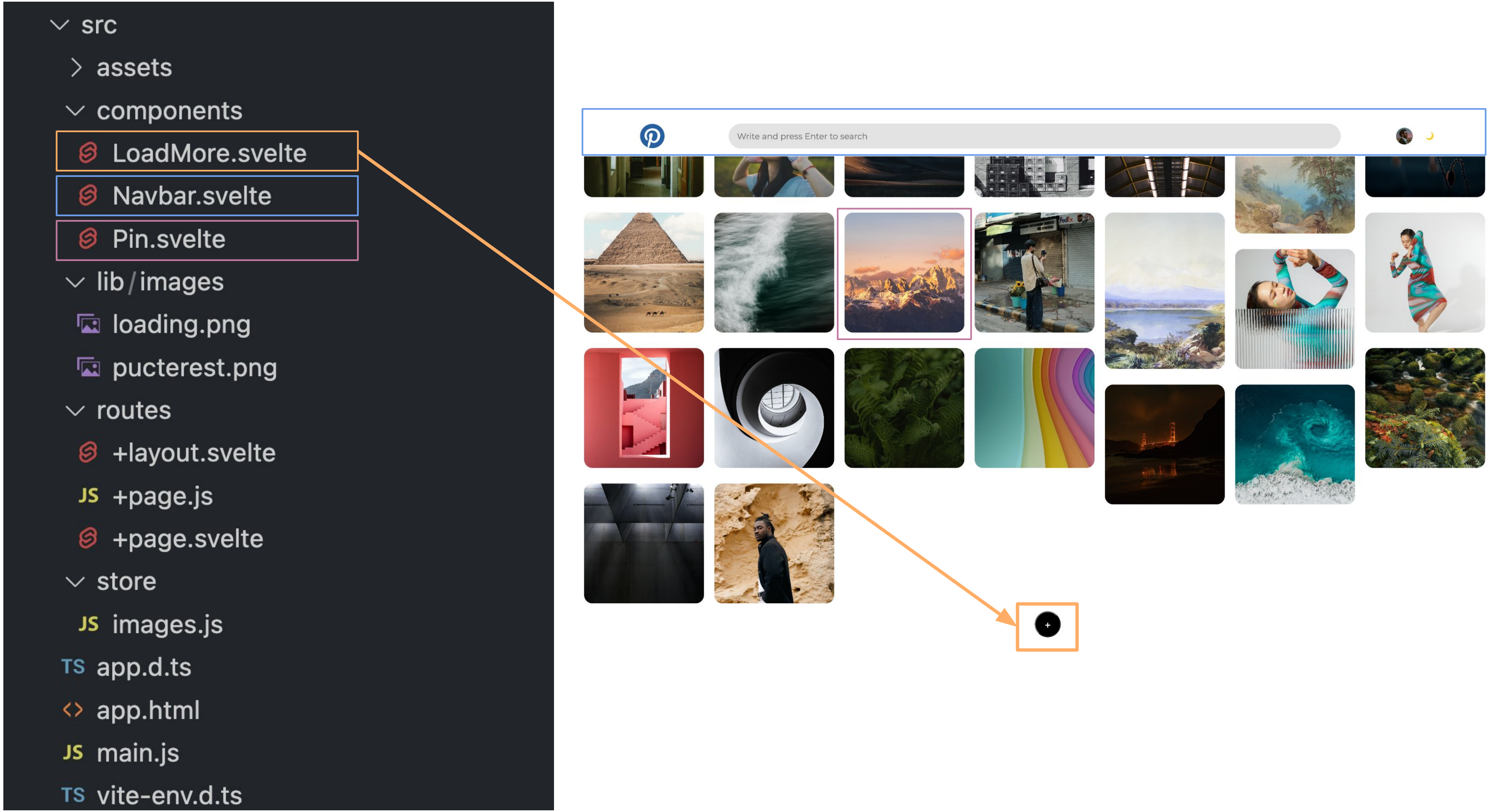
Pucterest en Svelte

ESTRUCTURA



```
v src
  > assets
  v components
      LoadMore.svelte
      Navbar.svelte
      Pin.svelte
  v lib / images
      loading.png
      pucterest.png
  v routes
      +layout.svelte
    JS +page.js
      +page.svelte
  v store
    JS images.js
  TS app.d.ts
  <> app.html
  JS main.js
  TS vite-env.d.ts
```



```
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    Pin.svelte
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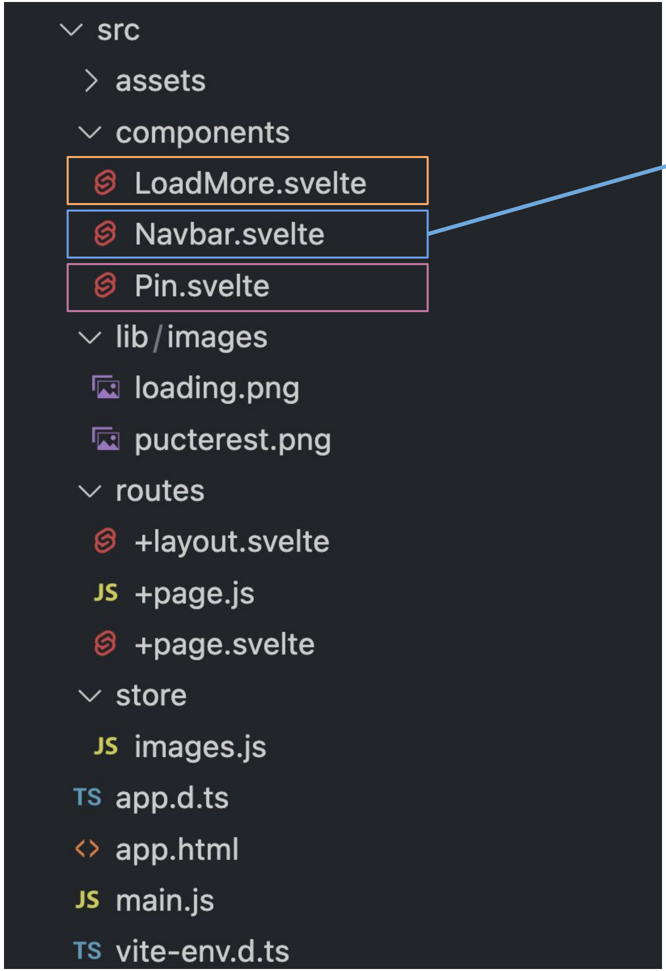
```



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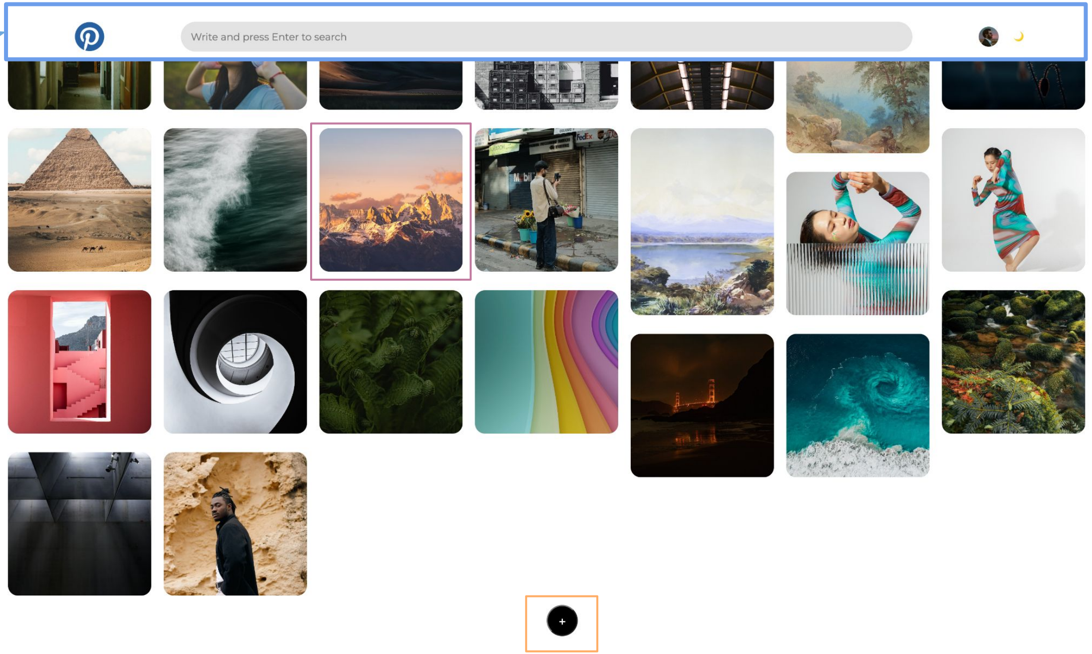

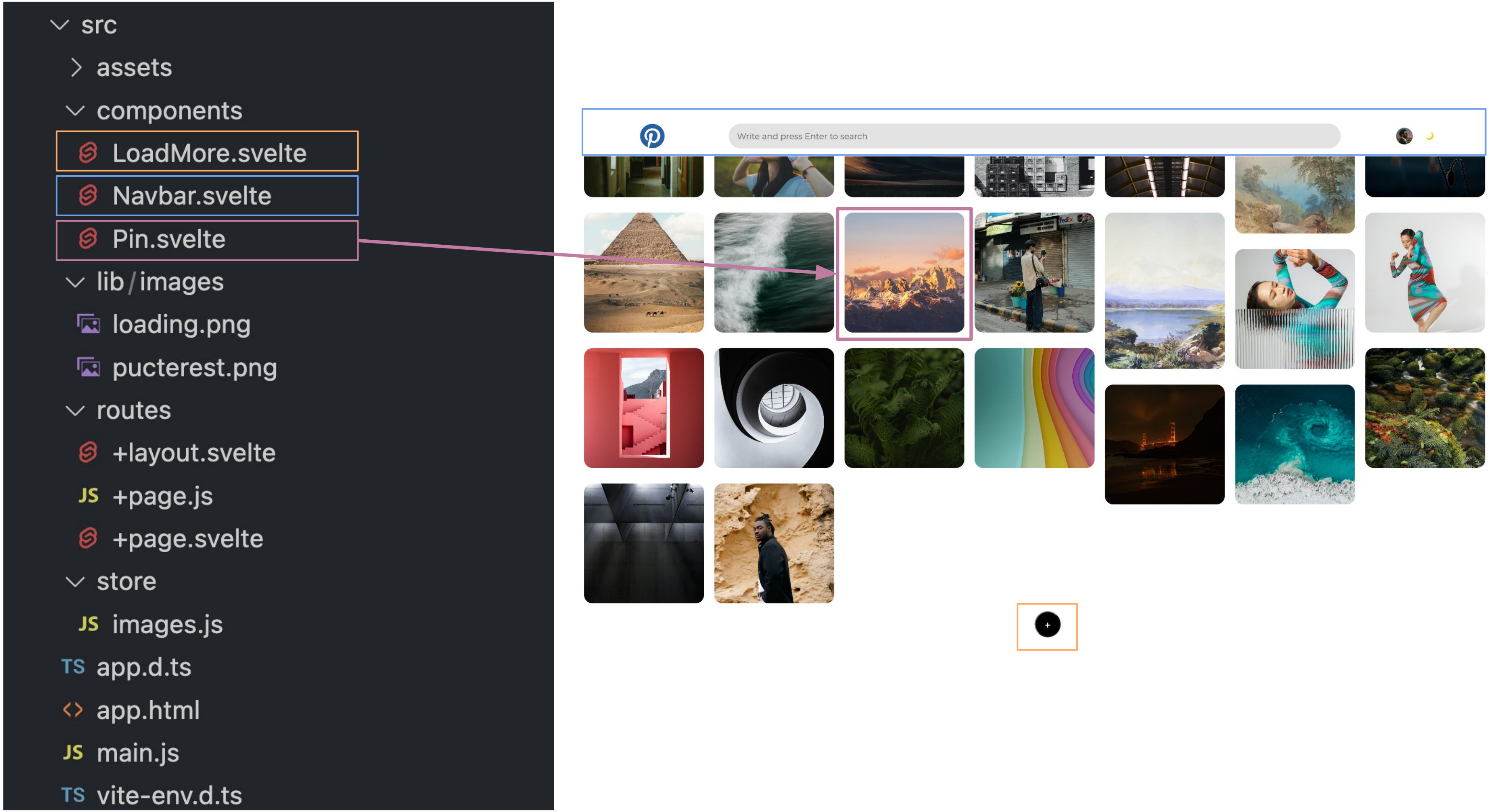

```
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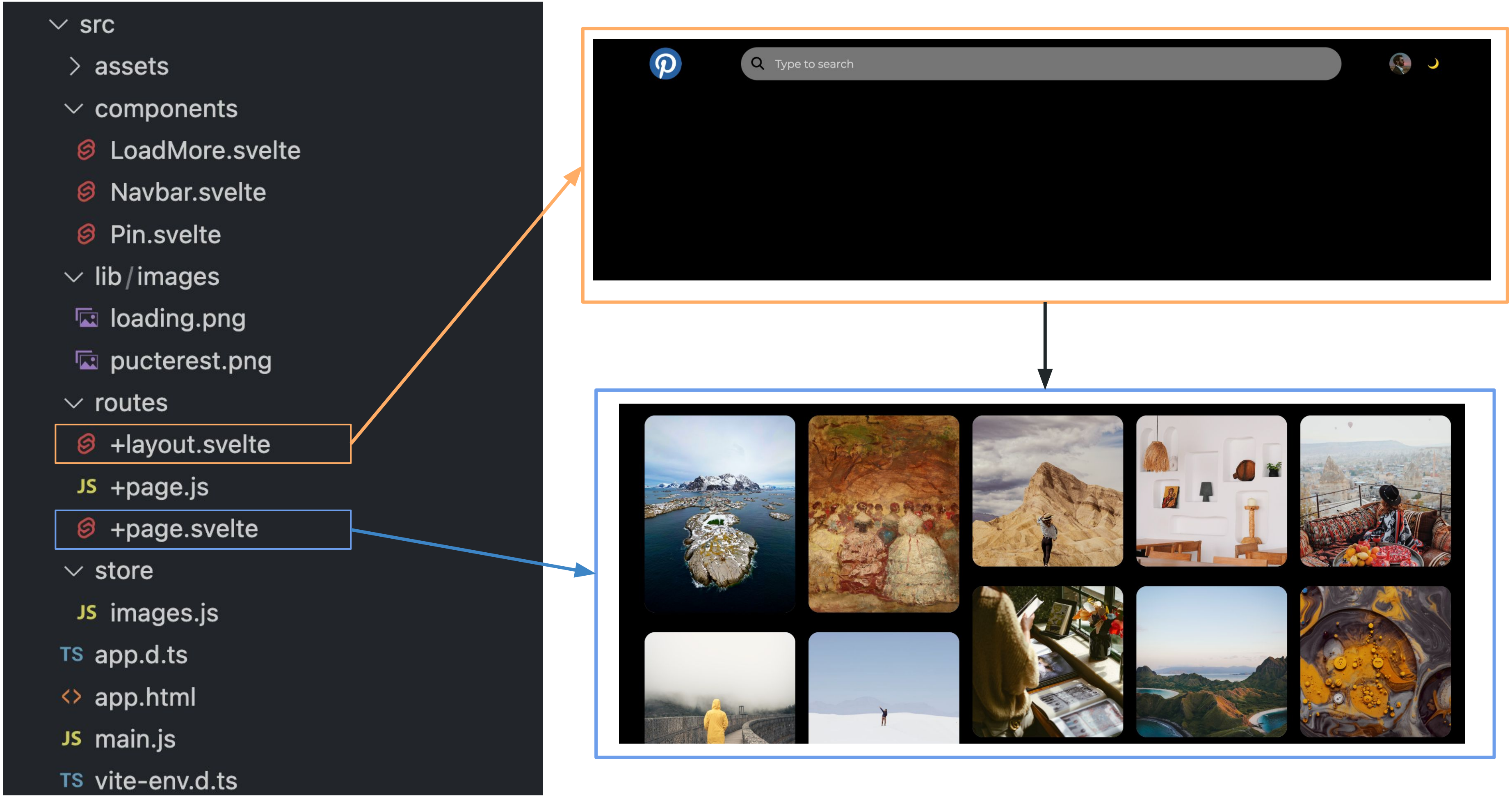

```
src
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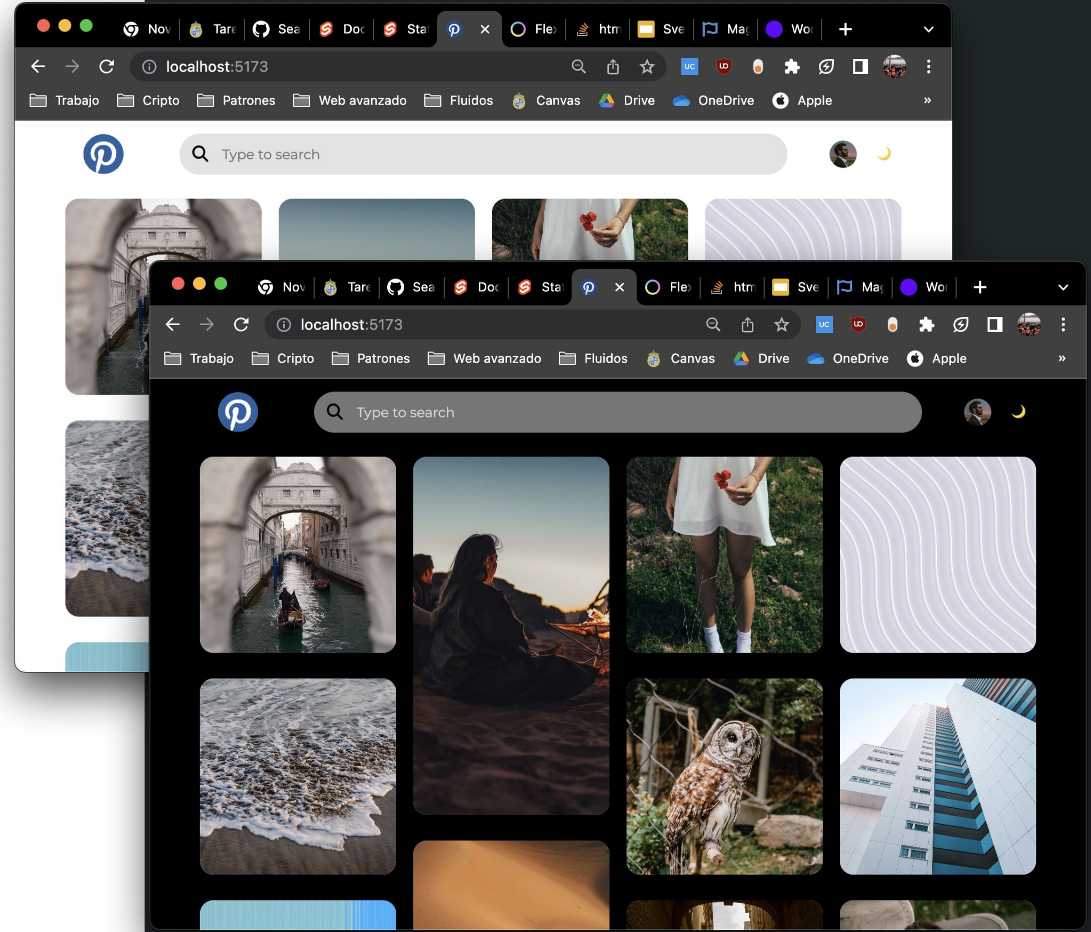
```

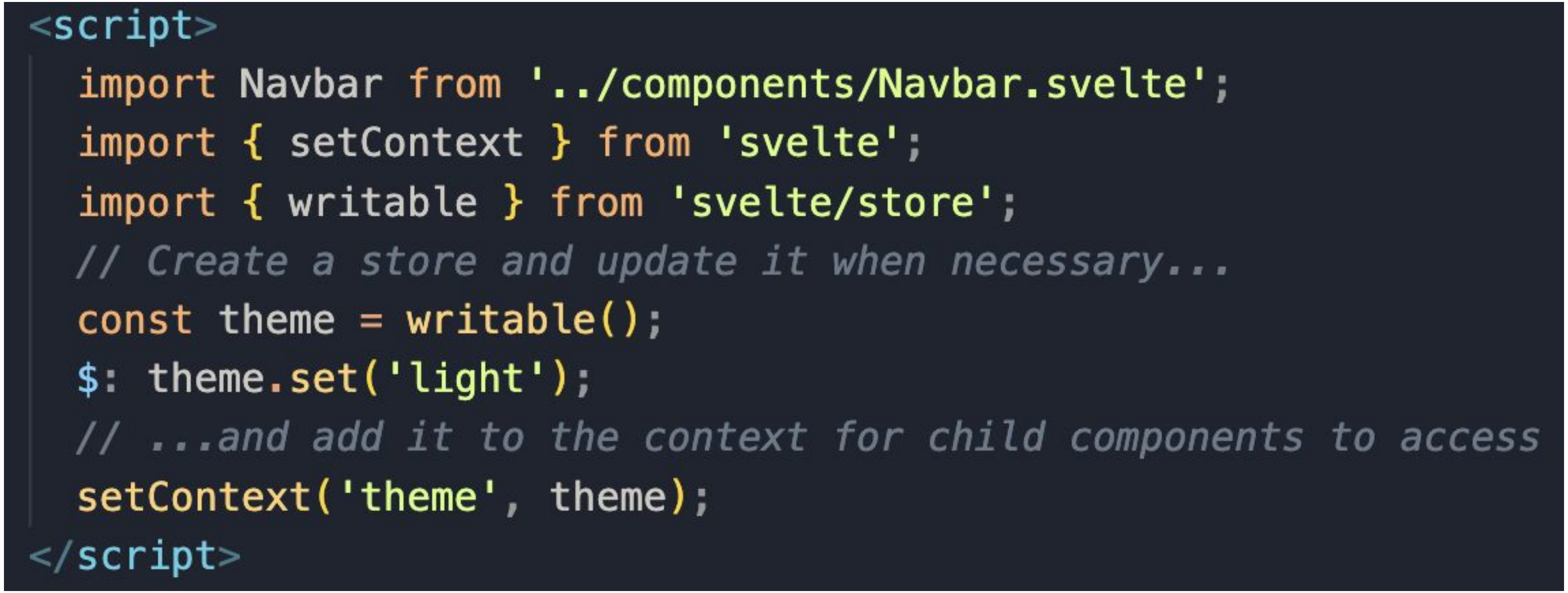
Manejo de estado

Darkmode


Nov
Tare
Sea
Doc
Stat
Flex
htm
Sve
Mag
Wor
localhost:5173
Trabajo
Cripto
Patrones
Web avanzado
Fluidos
Canvas
Drive
OneDrive
Apple
Type to search

setContext('theme', theme);

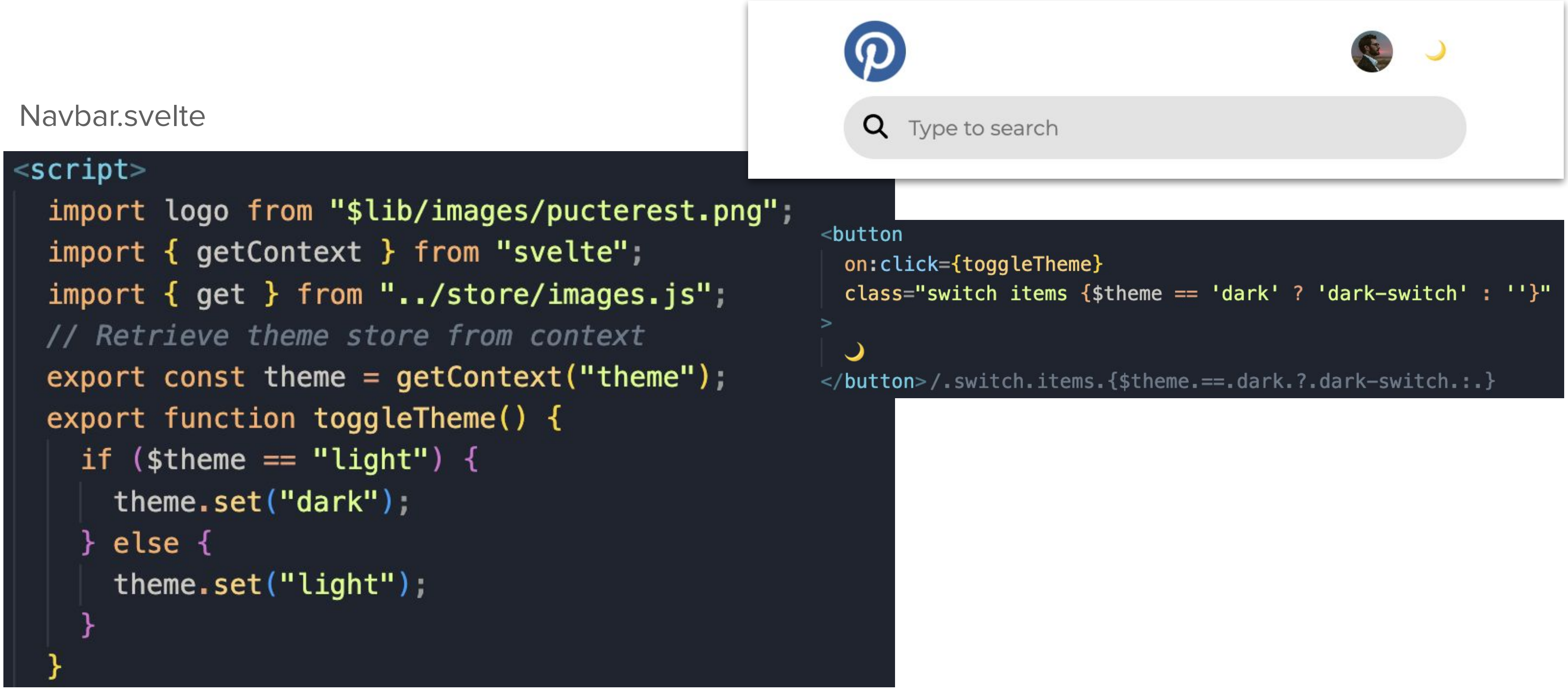
+layout.svelte



```
<script>
  import Navbar from '../components/Navbar.svelte';
  import { setContext } from 'svelte';
  import { writable } from 'svelte/store';
  // Create a store and update it when necessary...
  const theme = writable();
  $: theme.set('light');
  // ...and add it to the context for child components to access
  setContext('theme', theme);
</script>
```

export const theme = getContext(“theme”)

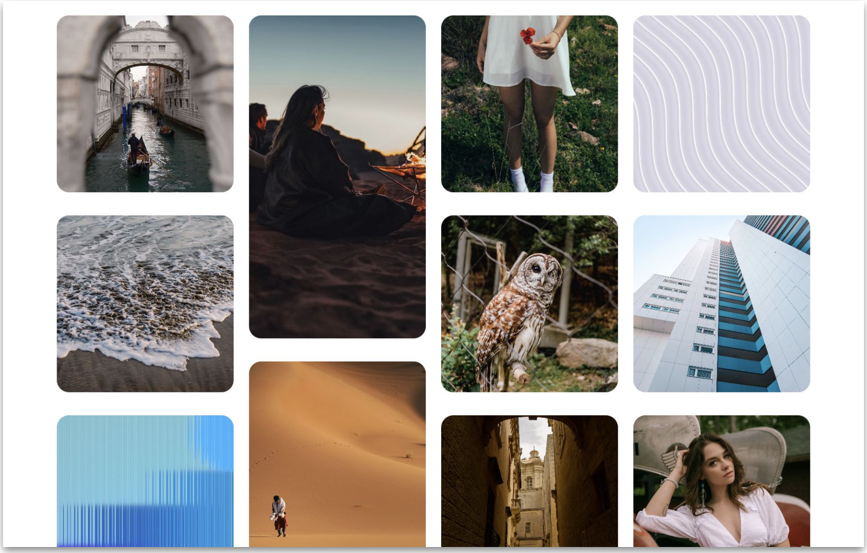
Navbar.svelte



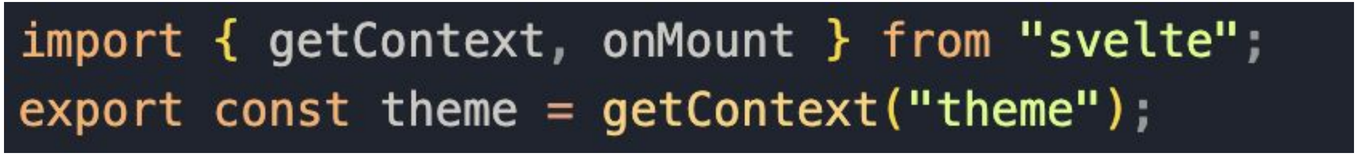
```
<script>
  import logo from "$lib/images/pucterest.png";
  import { getContext } from "svelte";
  import { get } from "../store/images.js";
  // Retrieve theme store from context
  export const theme = getContext("theme");
  export function toggleTheme() {
    if ($theme == "light") {
      theme.set("dark");
    } else {
      theme.set("light");
    }
  }
```

```
<button
  on:click={toggleTheme}
  class="switch items {$theme == 'dark' ? 'dark-switch' : ''}"
>
  🌙
</button>/.switch.items.{$theme.==.dark.?.dark-switch.:.}
```

export const theme = getContext(“theme”)

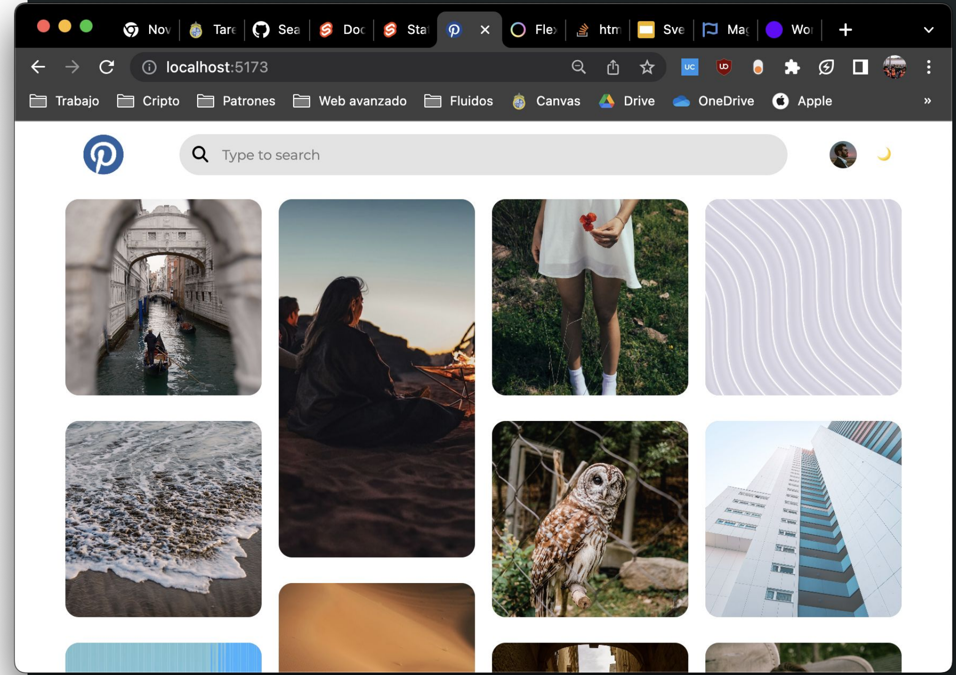


+page.svelte

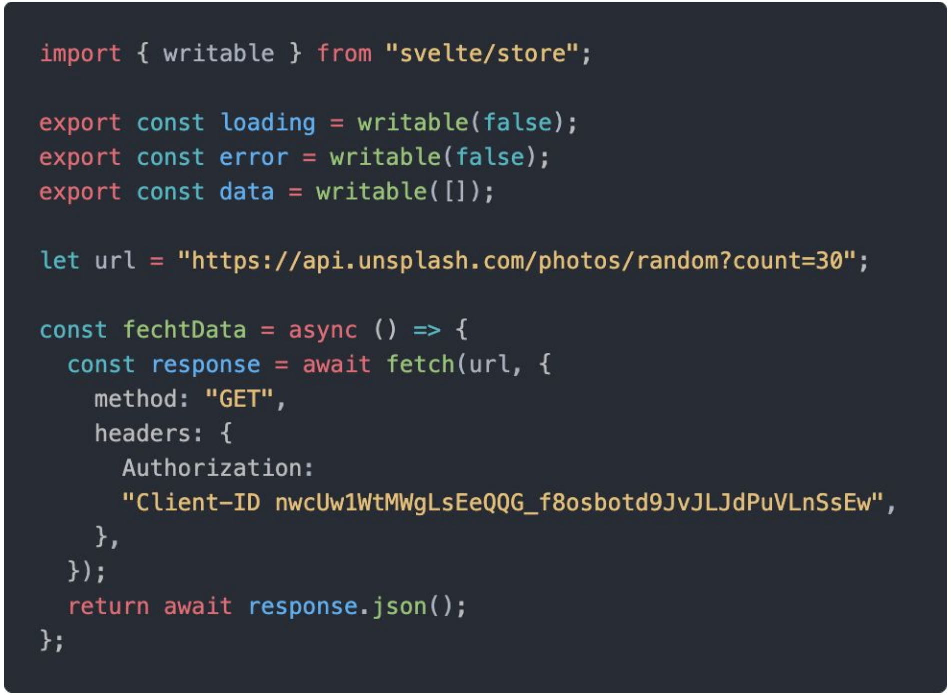


```
import { getContext, onMount } from "svelte";
export const theme = getContext("theme");
```

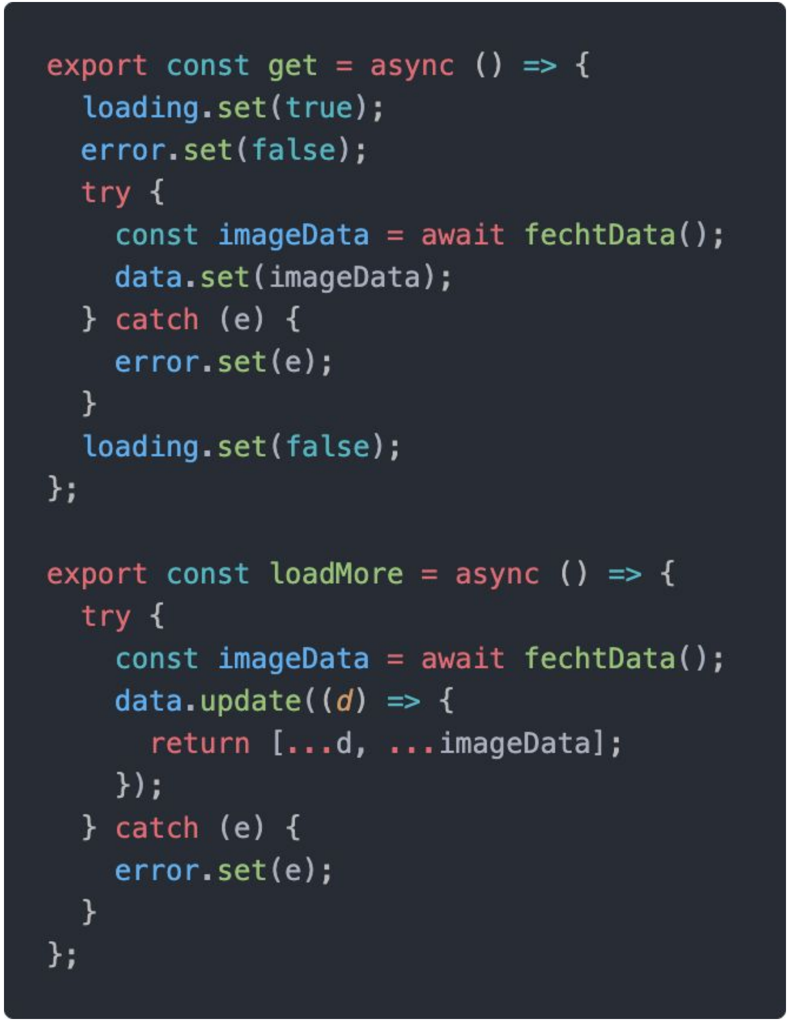
Imágenes


Nov
Tare
Sea
Doc
Sta
Flex
htm
Sve
Mag
Wor
localhost:5173
Trabajo
Cripto
Patrones
Web avanzado
Fluidos
Canvas
Drive
OneDrive
Apple
Type to search

store/images.js



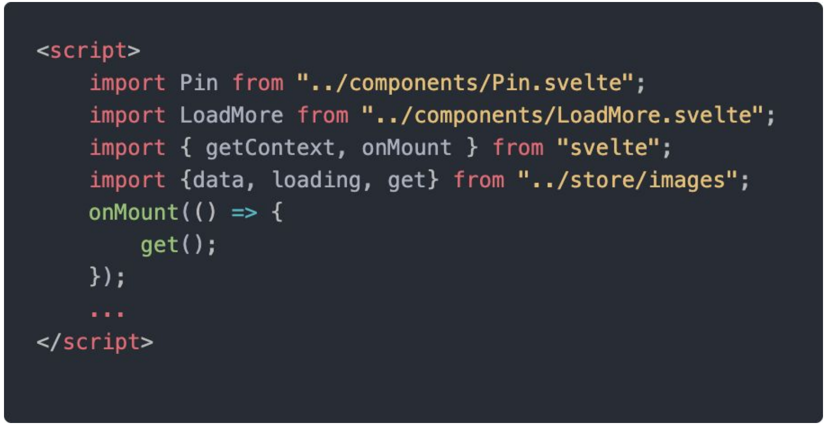
```js
import { writable } from "svelte/store";

export const loading = writable(false);
export const error = writable(false);
export const data = writable([]);

let url = "https://api.unsplash.com/photos/random?count=30";

const fechtData = async () => {
  const response = await fetch(url, {
    method: "GET",
    headers: {
      Authorization:
      "Client-ID nwcUw1WtMWgLsEeQQG_f8osbotd9JvJLJdPuVLnSsEw",
    },
  });
  return await response.json();
};
```



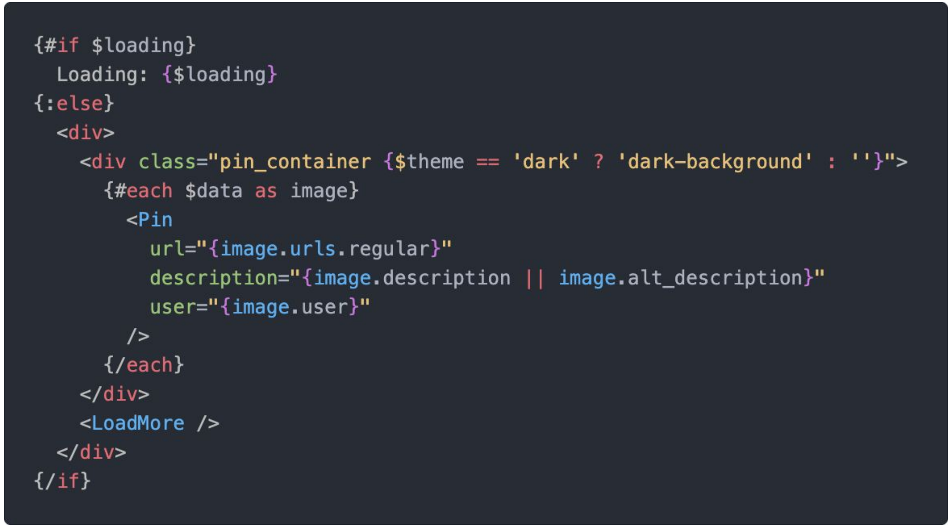
```js
export const get = async () => {
  loading.set(true);
  error.set(false);
  try {
    const imageData = await fechtData();
    data.set(imageData);
  } catch (e) {
    error.set(e);
  }
  loading.set(false);
};

export const loadMore = async () => {
  try {
    const imageData = await fechtData();
    data.update((d) => {
      return [...d, ...imageData];
    });
  } catch (e) {
    error.set(e);
  }
};
```

routes/+page.svelte

data, loading, get



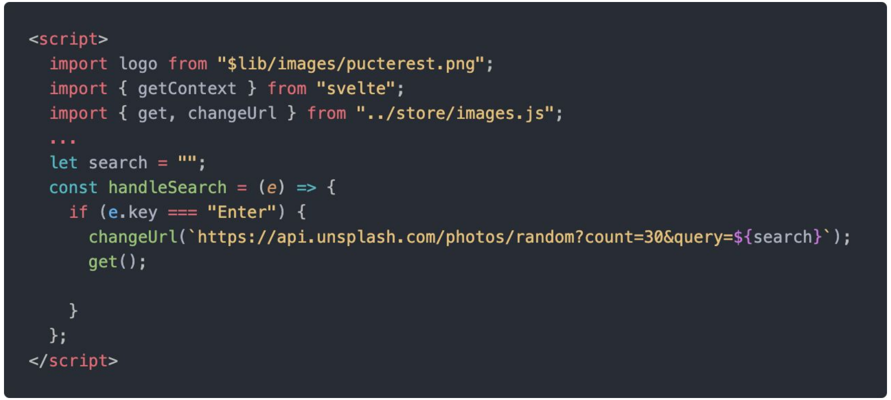
```
<script>
    import Pin from "../components/Pin.svelte";
    import LoadMore from "../components/LoadMore.svelte";
    import { getContext, onMount } from "svelte";
    import {data, loading, get} from "../store/images";
    onMount(() => {
        get();
    });
    ...
</script>
```



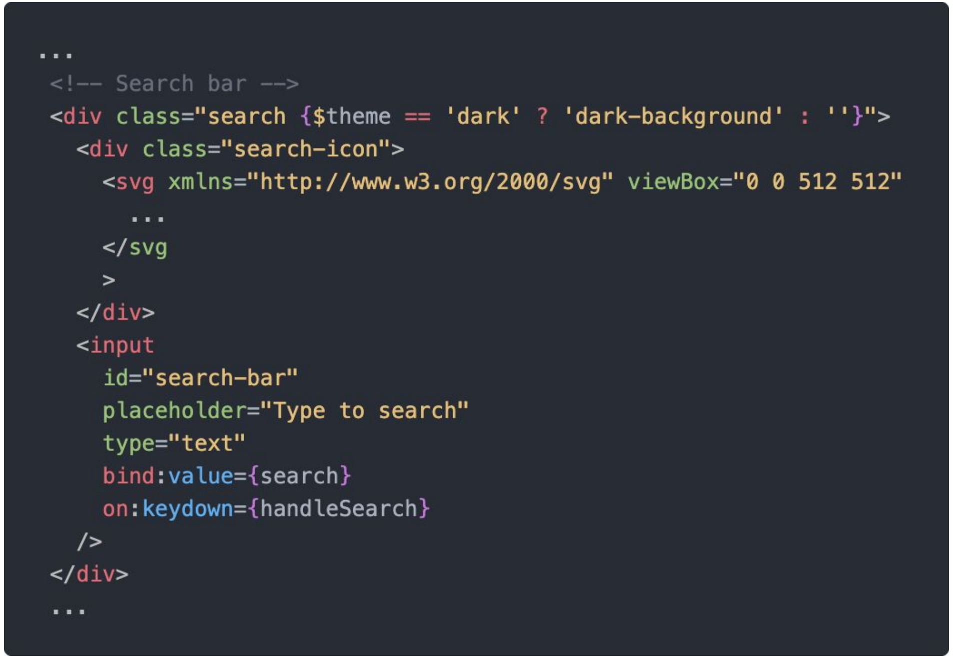
```
{#if $loading}
  Loading: {$loading}
{:else}
  <div>
    <div class="pin_container {$theme == 'dark' ? 'dark-background' : ''}">
      {#each $data as image}
        <Pin
          url="{image.urls.regular}"
          description="{image.description || image.alt_description}"
          user="{image.user}"
        />
      {/each}
    </div>
    <LoadMore />
  </div>
{/if}
```

components/Navbar.svelte

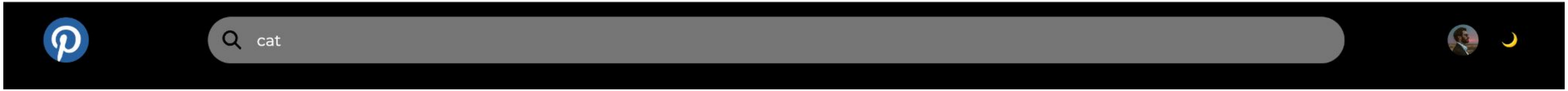
get



```
<script>
  import logo from "$lib/images/pucterest.png";
  import { getContext } from "svelte";
  import { get, changeUrl } from "../store/images.js";
  ...
  let search = "";
  const handleSearch = (e) => {
    if (e.key === "Enter") {
      changeUrl(`https://api.unsplash.com/photos/random?count=30&query=${search}`);
      get();

    }
  };
</script>
```

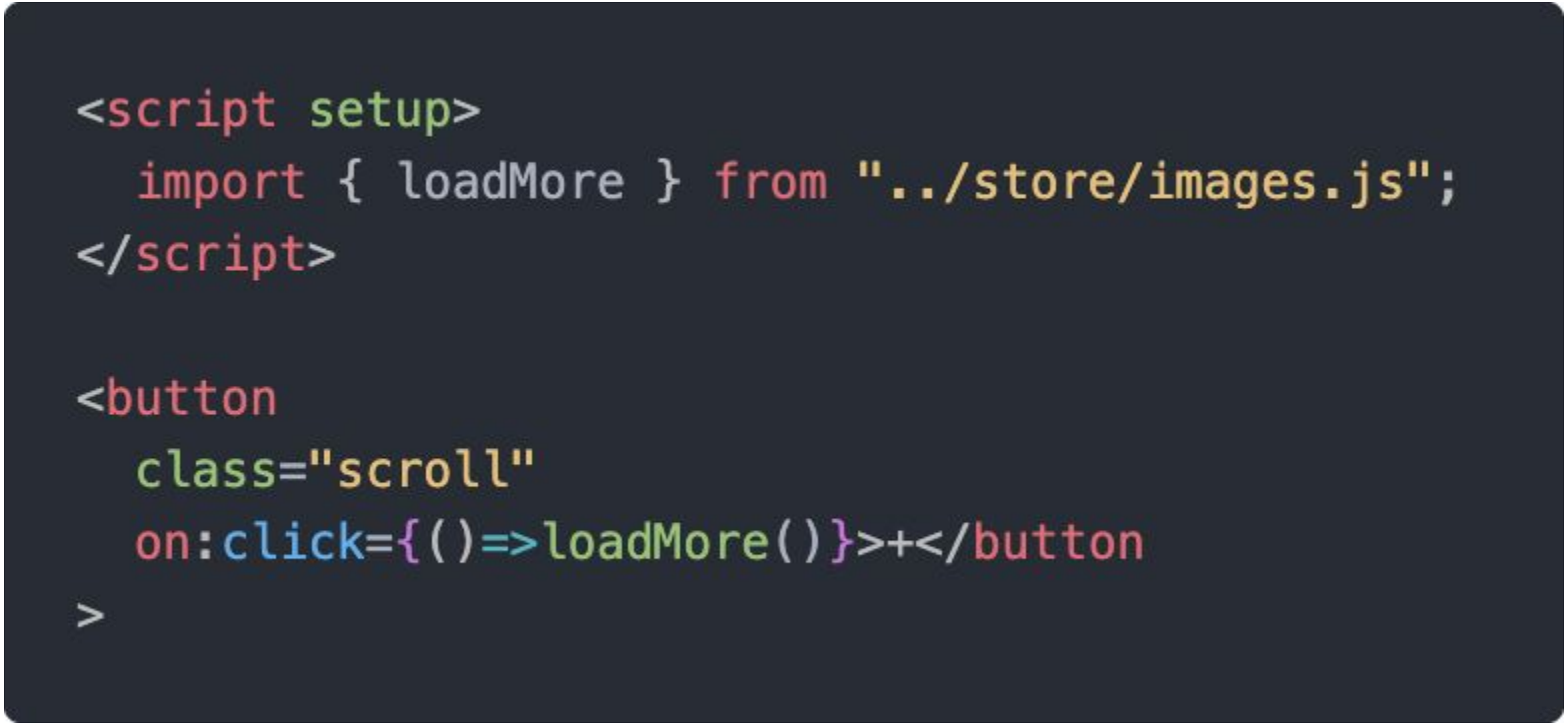


```
...
 <!-- Search bar -->
 <div class="search {$theme == 'dark' ? 'dark-background' : ''}">
   <div class="search-icon">
     <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 512 512"
       ...
     </svg
     >
   </div>
   <input
     id="search-bar"
     placeholder="Type to search"
     type="text"
     bind:value={search}
     on:keydown={handleSearch}
   />
 </div>
 ...
```



components/LoadMore.svelte

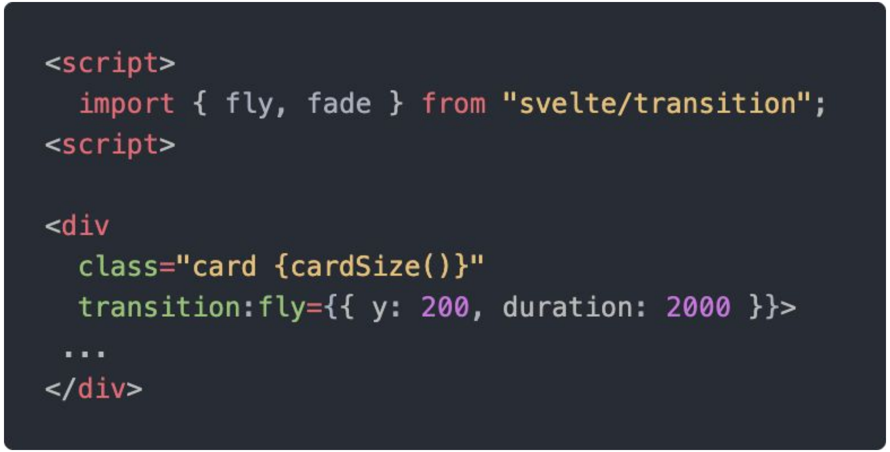
loadMore



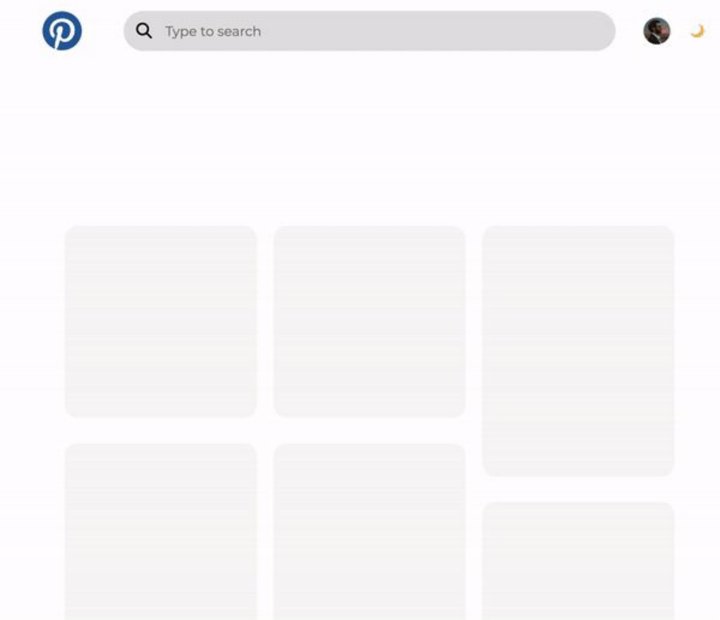
```
<script setup>
  import { loadMore } from "../store/images.js";
</script>

<button
  class="scroll"
  on:click={()=>loadMore()}>+</button
>
```

Animaciones y transiciones

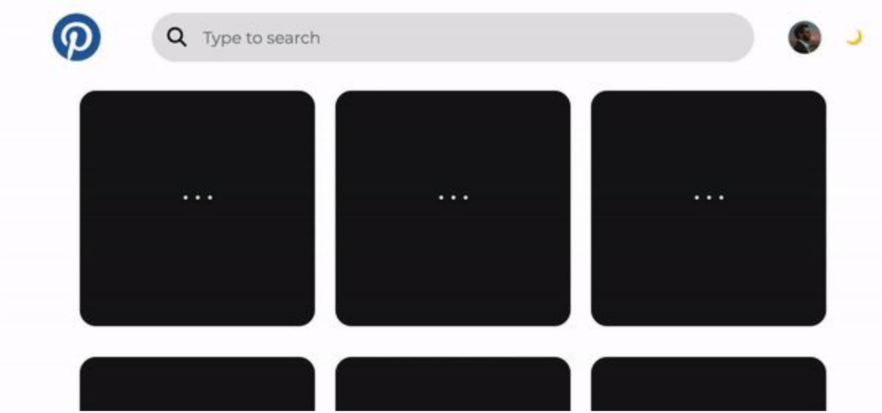
components/Pin.svelte

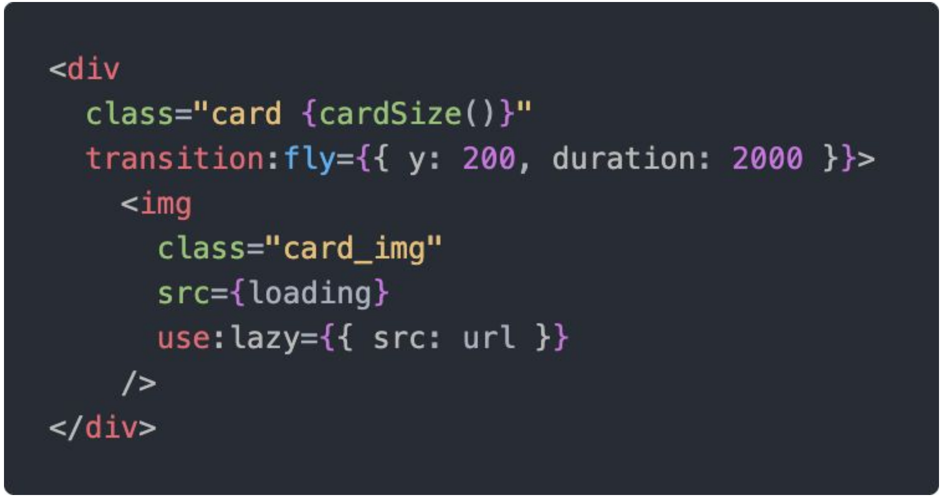


```
<script>
  import { fly, fade } from "svelte/transition";
<script>

<div
  class="card {cardSize()}"
  transition:fly={{ y: 200, duration: 2000 }}>
 ...
</div>
```

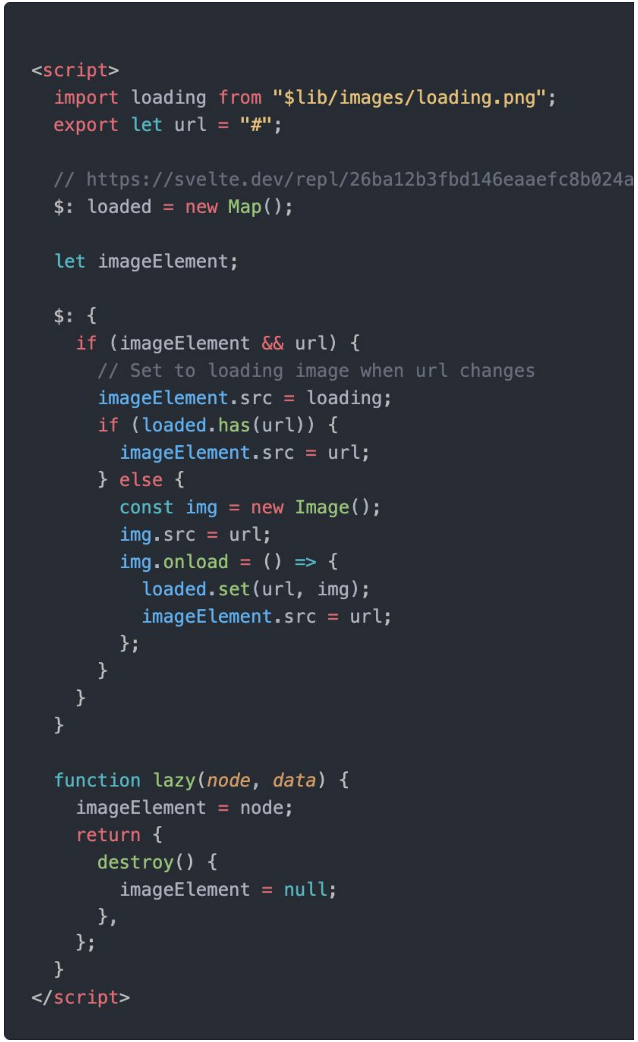


components/Pin.svelte



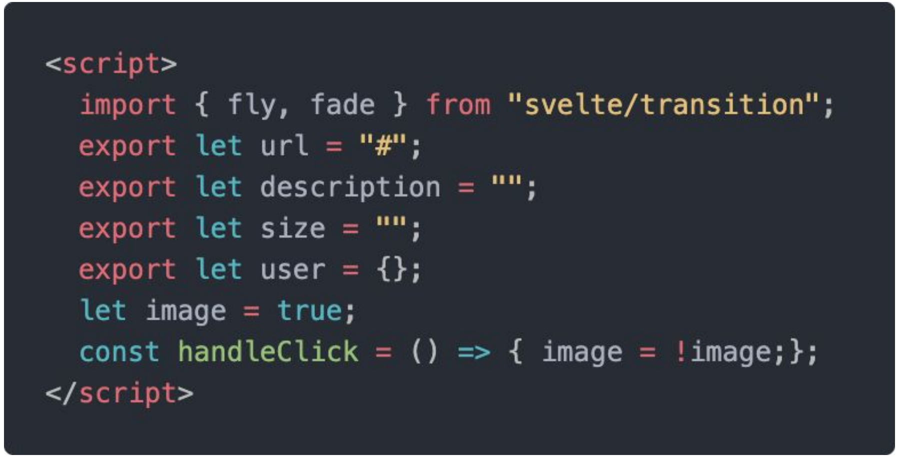


```
<div
  class="card {cardSize()}"
  transition:fly={{ y: 200, duration: 2000 }}>
    <img
      class="card_img"
      src={loading}
      use:lazy={{ src: url }}
    />
</div>
```

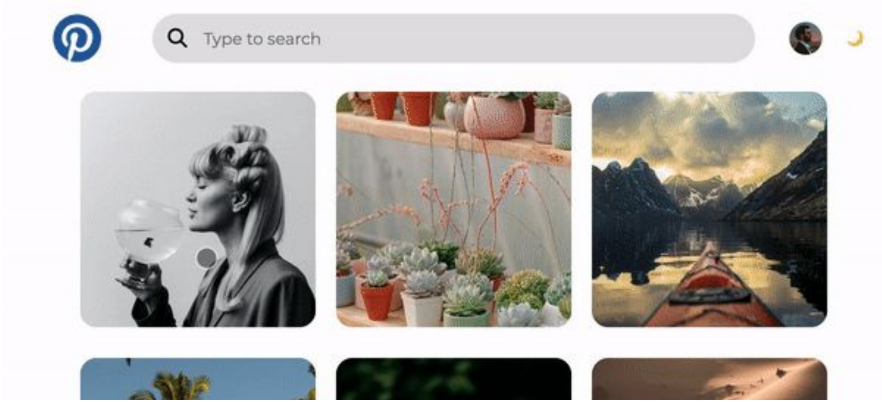


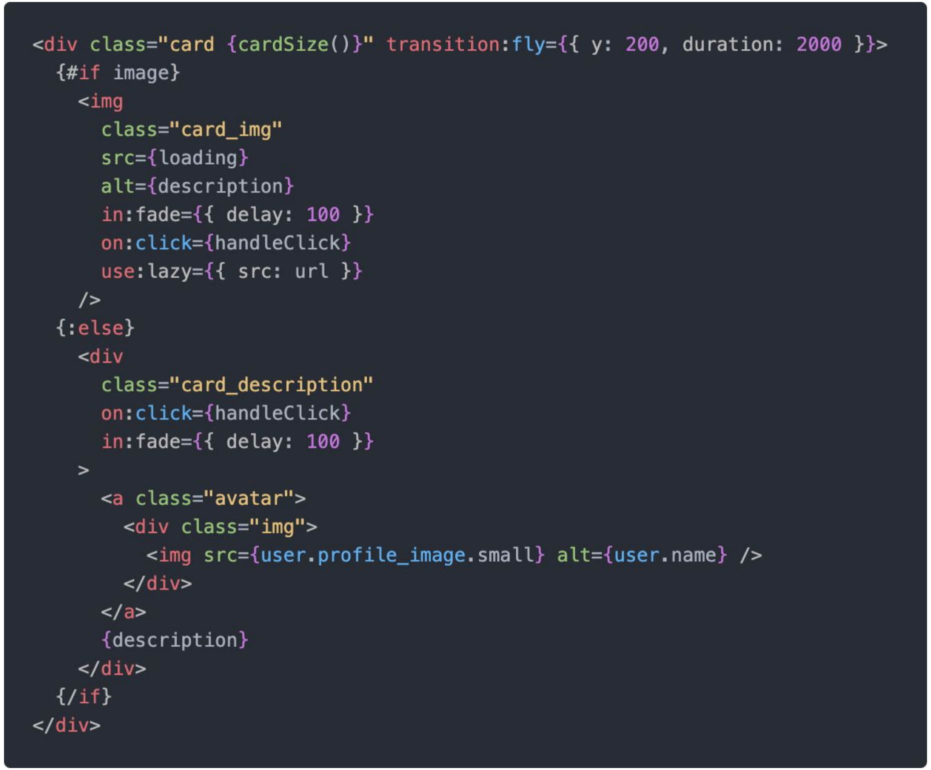
```
<script>
  import loading from "$lib/images/loading.png";
  export let url = "#";

  // https://svelte.dev/repl/26ba12b3fbd146eaaefc8b024a
  $: loaded = new Map();

  let imageElement;

  $: {
    if (imageElement && url) {
      // Set to loading image when url changes
      imageElement.src = loading;
      if (loaded.has(url)) {
        imageElement.src = url;
      } else {
        const img = new Image();
        img.src = url;
        img.onload = () => {
          loaded.set(url, img);
          imageElement.src = url;
        };
      }
    }
  }

  function lazy(node, data) {
    imageElement = node;
    return {
      destroy() {
        imageElement = null;
      },
    };
  }
</script>
```

components/Pin.svelte



```
<script>
  import { fly, fade } from "svelte/transition";
  export let url = "#";
  export let description = "";
  export let size = "";
  export let user = {};
  let image = true;
  const handleClick = () => { image = !image;};
</script>
```





```
<div class="card {cardSize()}" transition:fly={{ y: 200, duration: 2000 }}>
  {#if image}
    <img
      class="card_img"
      src={loading}
      alt={description}
      in:fade={{ delay: 100 }}
      on:click={handleClick}
      use:lazy={{ src: url }}
    />
  {:else}
    <div
      class="card_description"
      on:click={handleClick}
      in:fade={{ delay: 100 }}
    >
      <a class="avatar">
        <div class="img">
          <img src={user.profile_image.small} alt={user.name} />
        </div>
      </a>
      {description}
    </div>
  {/if}
</div>
```