



egyptfwd
initiative



fwd initiative

Build Nav Methods

- `Document.querySelectorAll();`
- `Document.getElementById();`
- `forEach();`
- `Document.createDocumentFragment();`
- `Document.createElement();`
- `Document.createTextNode();`
- `appendChild();`
- `getAttribute();`
- `scrollIntoView({'behavior':'smooth'});`

Active Section Methods

- `Document.querySelectorAll();`
- `forEach();`
- `getBoundingClientRect();`
- `classList.remove();`
- `classList.add();`
- `getAttribute();`

Build Nav Steps

- Query the all sections and store the list in variable.
- Use `forEach` on the list Variable.
- Create (1 `` and 1 `<a>` and 1 `TextNode`) for each section in the list.
- Extract the `data-nav` value from the section and store it in variable.
- Set this variable for the text content of each link.
- For Better performance use `appendChild` on the Fragment inside the loop.
- After the loop end append that Fragment to the ``.
- Add `EventListener` to the links and use `scrollIntoView()`.

Get the active Section

1. We can use `GetBoundingClientRect` or intersection observer API.
2. Use `forEach()` method on the sections list inside it.
3. Use the `getBoundingClientRect` on the element parameter.
4. IT will return some properties related to viewport and the section.
5. Use if statement to get the Active like (add your condition).
6. Inside the if statement before add active class to the section,
7. Make sure to remove the other active classes from all sections.
8. Use `classList.add` method to add the active class to the active section.

Get The Active Link

- Each link should contains the data-nav attribute value for the section which linked to it as an link id or textContent.
- When we got the Active section we can Query The active section and get the data-nav value for this active section.
- Then we can use forEach on all the links and check using if condition which link has the textContent equal to active section data-nav
- Remove Active class from all links, give the active link class active.