📜 Documentation of Code

```
let contactNav = document.querySelectorAll('.navBar a ,.Contact');
```

- **What it does:**
  This selects all anchor (<a>) elements inside .navBar **and** any element with the class .Contact.
- **Result:**
  contactNav is a **NodeList** (like an array of elements) containing all navigation links and the contact button.

```
contactNav.forEach(element => {
   element.addEventListener('click', scrollFun)
})
```

- **What it does:**
  - Loops through every element in contactNav.
  - Adds a **click event listener** to each.
  - When clicked, it calls the function scrollFun.

```
function scrollFun(e) {
   e.preventDefault();
```

- **What it does:**
  - Prevents the default link behavior (so the page does not instantly jump to the section, allowing smooth scroll instead).

```
let targetElement = document.querySelector(e.target.getAttribute('href'));
```

- **What it does:**
  - Gets the href attribute of the clicked element (#sectionID).
  - Finds the element on the page that matches that id using document.querySelector.
  - Example: if About is clicked, it selects the element with id="about".

```
console.log("Target Element is: " + targetElement);
```

- **What it does:**
  Logs the target element (or null if not found) in the browser console. Useful for debugging.

```
document.querySelectorAll('.navBar a, .Contact').forEach(link =>
link.classList.remove('active'))
```

- **What it does:**
  - Selects all nav links again.
  - Removes the class active from all of them (so only one link can stay active).

```
e.target.classList.add('active')
```

- **What it does:**
  - Adds the active class only to the clicked element (e.target).
  - This is usually used for styling the currently active navigation link.

```
if (targetElement) {
  targetElement.scrollIntoView({
    behavior: 'smooth'
  });
}
```

- **What it does:**
  - If the target section exists on the page, it smoothly scrolls the page to that section using scrollIntoView() with smooth animation.

⚡ **Summary**

This code:

1. Selects all navigation links + contact button.
2. Adds a **click listener** to each.
3. Stops default page jump behavior.
4. Finds the target section using the href attribute.
5. Removes active class from all nav links and sets it on the clicked one.
6. Smoothly scrolls the page to the target section.