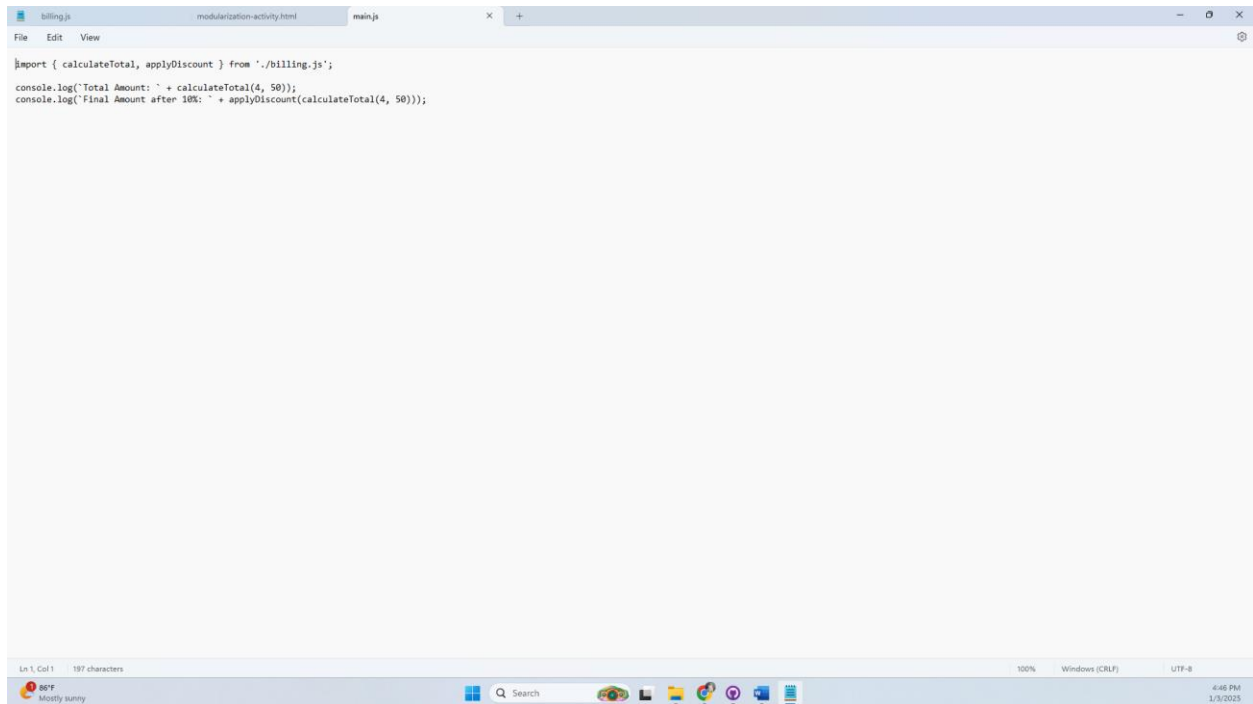


Student: John Lyndo Vero Anuada

Date: January 03, 2025

main.js

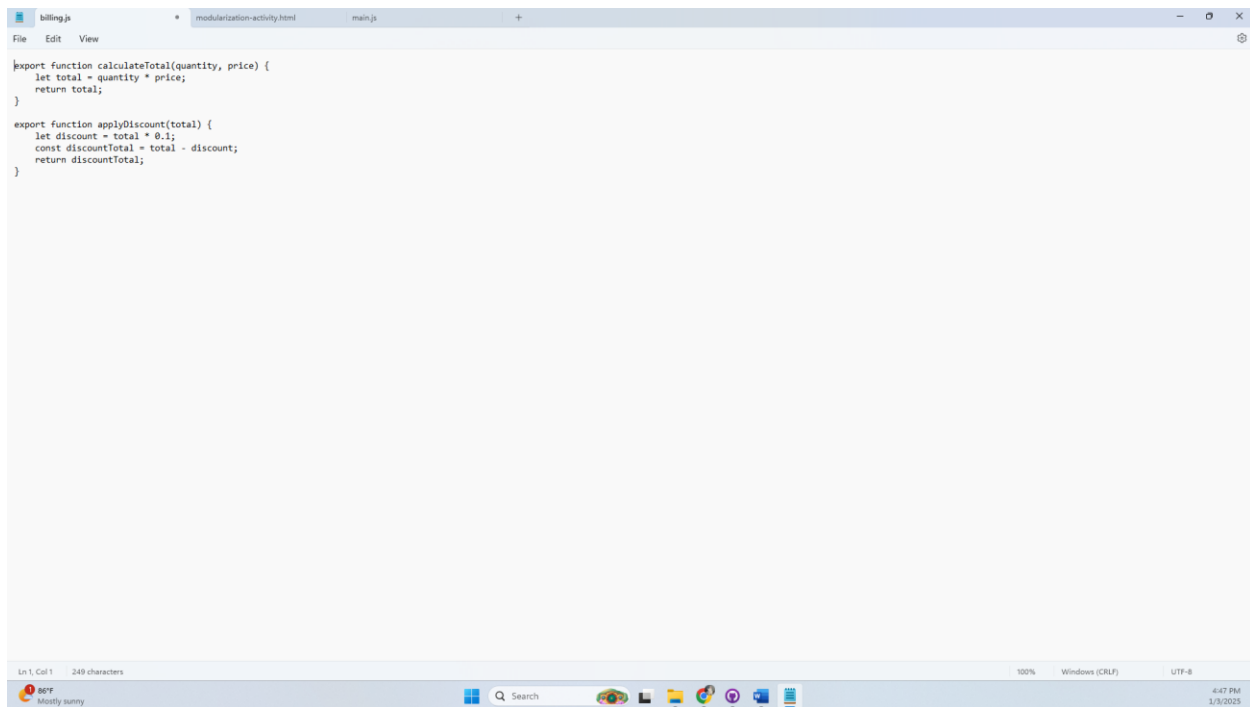
A screenshot of a code editor window. The title bar shows three tabs: 'billing.js', 'modularization-activity.html', and 'main.js'. The 'main.js' tab is active. The editor has a menu bar with 'File', 'Edit', and 'View'. The code content is as follows:

```
import { calculateTotal, applyDiscount } from './billing.js';  
console.log(`Total Amount: ` + calculateTotal(4, 50));  
console.log(`Final Amount after 10%: ` + applyDiscount(calculateTotal(4, 50)));
```

The status bar at the bottom shows 'Ln 1, Col 1 | 197 characters', '100%', 'Windows (CRLF)', 'UTF-8', and the system tray with weather '68°F Mostly sunny', a search bar, and the date/time '4:46 PM 1/3/2025'.

```
import { calculateTotal, applyDiscount } from './billing.js';  
  
console.log(`Total Amount: ` + calculateTotal(4, 50));  
console.log(`Final Amount after 10%: ` + applyDiscount(calculateTotal(4, 50)));
```

billing.js



```
export function calculateTotal(quantity, price) {  
  let total = quantity * price;  
  return total;  
}  
  
export function applyDiscount(total) {  
  let discount = total * 0.1;  
  const discountTotal = total - discount;  
  return discountTotal;  
}
```

index.html

```
billing.js  * modularization-activity.html  X  main.js  +
File Edit View

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Modularization Activity</title>
  </head>
  <body>
    <script type="module" src="main.js"></script>
  </body>
</html>
```

Ln 1, Col 1 278 characters 100% Windows (CRLF) UTF-8
80°F Mostly sunny Search 4:48 PM 1/3/2025

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Modularization Activity</title>
  </head>
  <body>
    <script type="module" src="main.js"></script>
  </body>
</html>
```

Result:

The screenshot shows a web browser window with the address bar displaying `127.0.0.1:5500/modularization-activity.html`. The browser's developer tools are open, showing the 'Elements' panel on the right and the 'Console' panel at the bottom. The 'Elements' panel shows the HTML structure of the page, which is a simple HTML document with a single body element. The 'Console' panel shows two messages: 'Total Amount: 200' and 'Final Amount after 10%: 180'. The messages are logged from `main.js:3` and `main.js:4` respectively. The browser's status bar at the bottom shows the temperature as 86°F and the time as 4:54 PM on 1/3/2025.

Console

2 messages

2 user mes...

No errors

No warnings

2 info

No verbose

Total Amount: 200

Final Amount after 10%: 180

main.js:3

main.js:4