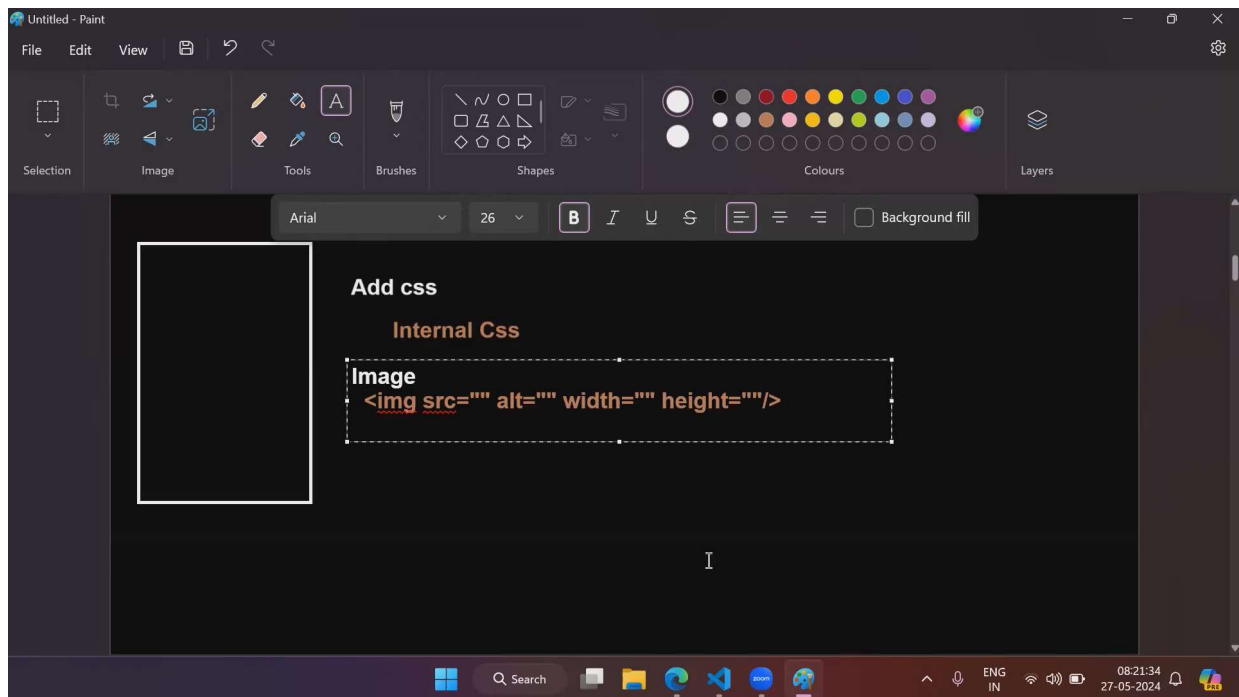


## creating a card

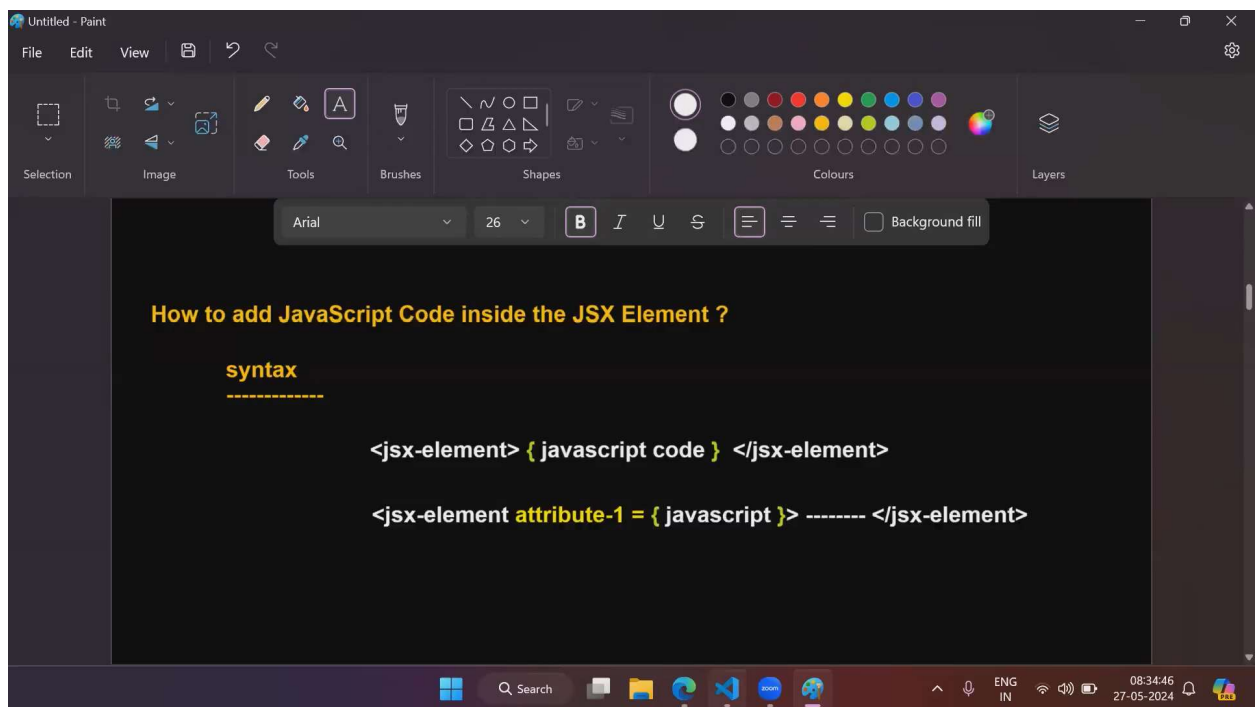
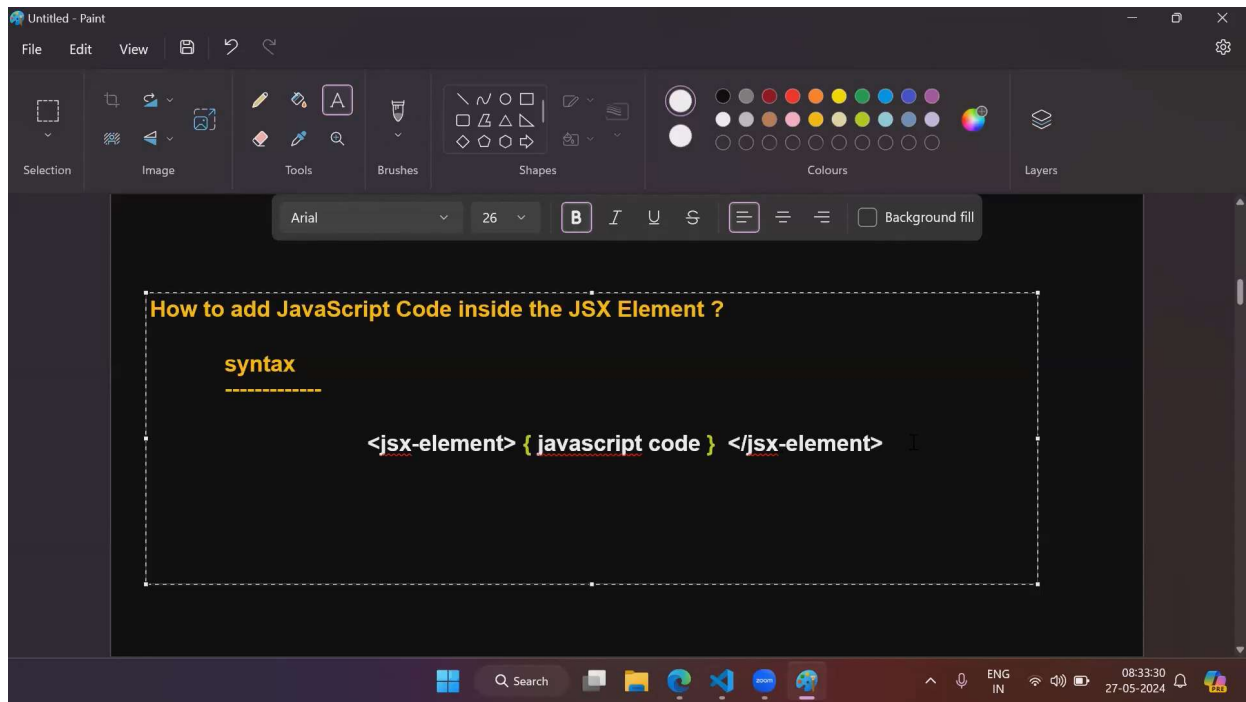
---

by default measurements of a div

width	100%
height	depends on children

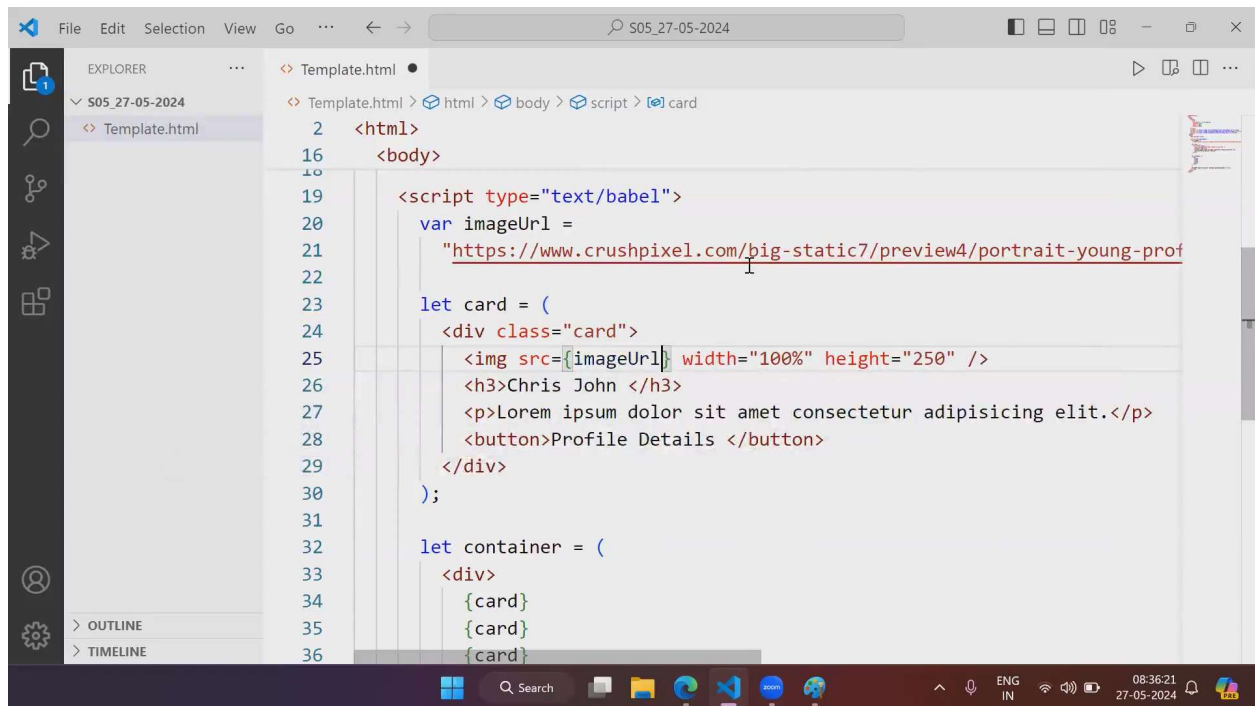


=====



example

-----



flex  
grid  
positioning of element

## Task

Create a card in pure javascript

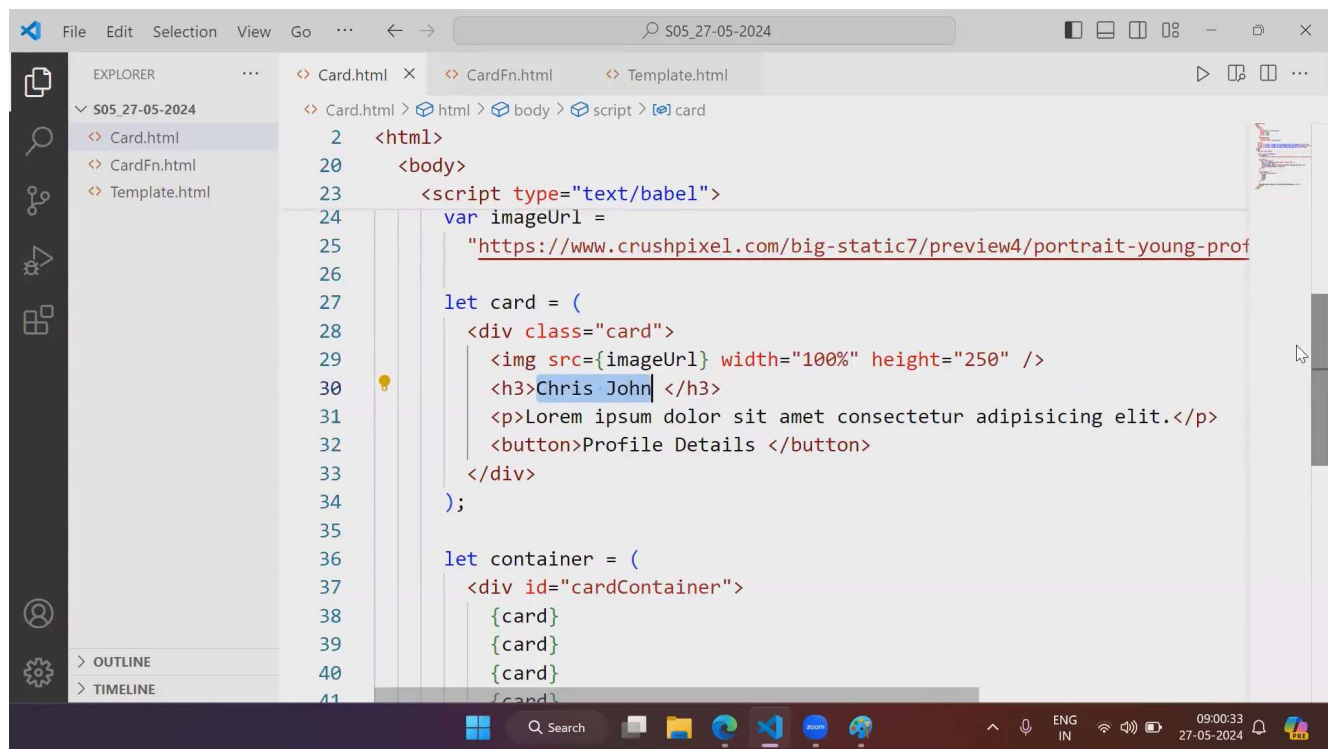
How to create a UserInterface inside the JavaScript Function.

what is the advantage of creating UI inside the Javascript

- we can pass the parameter

let see the example-1

creating the cards using jsx element but not using the function to create the ui

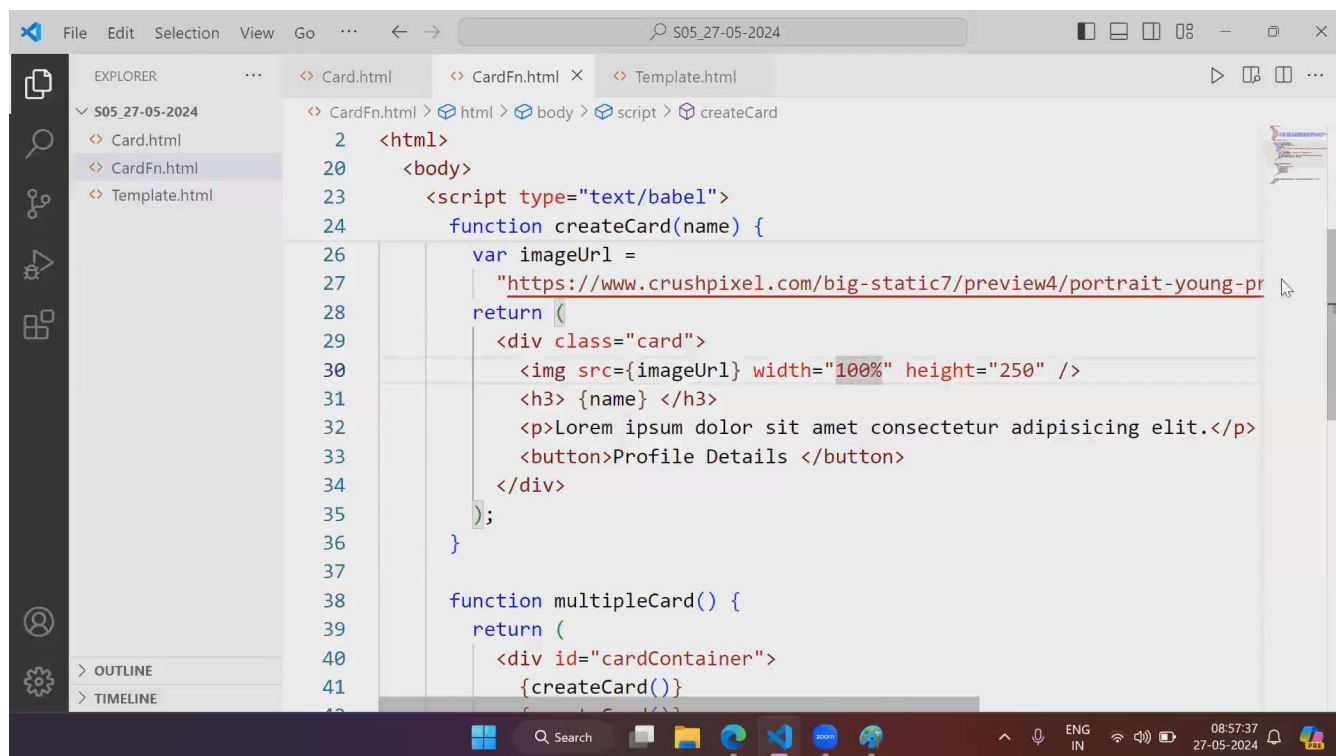


```
2 <html>
20 <body>
23 <script type="text/babel">
24   var imageUrl =
25     "https://www.crushpixel.com/big-static7/preview4/portrait-young-prof
26
27   let card = (
28     <div class="card">
29       <img src={imageUrl} width="100%" height="250" />
30       <h3>Chris John</h3>
31       <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
32       <button>Profile Details </button>
33     </div>
34   );
35
36   let container = (
37     <div id="cardContainer">
38       {card}
39       {card}
40       {card}
41     </div>
```

there is no way to pass the data to the variables directly

lets see the example-2

- creating the cards using jsx element and using the function to create the ui



```
2 <html>
20 <body>
23 <script type="text/babel">
24   function createCard(name) {
25     var imageUrl =
26       "https://www.crushpixel.com/big-static7/preview4/portrait-young-pr
27
28     return (
29       <div class="card">
30         <img src={imageUrl} width="100%" height="250" />
31         <h3> {name} </h3>
32         <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
33         <button>Profile Details </button>
34       </div>
35     );
36   }
37
38   function multipleCard() {
39     return (
40       <div id="cardContainer">
41         {createCard()}
42       </div>
```

The screenshot shows a VS Code editor window with the following content:

- Explorer Panel:** Shows a file structure for 'S05\_27-05-2024' with files 'Card.html', 'CardFn.html', and 'Template.html'.
- CardFn.html:** Contains the following code:

```
2 <html>
20 <body>
23   <script type="text/babel">
24     function createCard(name) {
35       };
36     }
37
38     function multipleCard() {
39       return (
40         <div id="cardContainer">
41           {createCard("rohan vemra")}
42           {createCard("riya sharma")}
43           {createCard("ajay sadguru")}
44           {createCard("siddharath patel")}
48
49       ReactDOM.render(multipleCard(), document.getElementById("root"));
50     </script>
```
- Emmet Abbreviation:** A tooltip is visible showing 'createCard("siddharath patel")' and a suggestion for '{createCard("siddharath patel")}'.

- here name is a parameter
- here we can pass the data to the functions,