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```ts
calculator.ts > ...
1    import * as promptSync from 'prompt-sync';
2
3    // Initializing prompt
4    const prompt = promptSync();
5
6    // Getting inputs from the user
7    const input1 = prompt("Enter first number: ");
8    const input2 = prompt("Enter second number: ");
9
10   // Converting inputs to numbers
11   const num1 = parseFloat(input1);
12   const num2 = parseFloat(input2);
13
14   // Performing calculations
15   console.log("Addition:", num1 + num2);
16   console.log("Subtraction:", num1 - num2);
17   console.log("Multiplication:", num1 * num2);
18   console.log("Division:", num1 / num2);
19
```

PROBLEMS 1   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
Found 1 error in calculator.ts:5

PS C:\Users\navan\Desktop\typescript-calculator> tsc calculator.ts
>>
PS C:\Users\navan\Desktop\typescript-calculator> node calculator.js
>>
Enter first number: 4
Enter second number: 5
Addition: 9
Subtraction: -1
Multiplication: 20
Division: 0.8
PS C:\Users\navan\Desktop\typescript-calculator>
```

```typescript
calculator.ts > ...
1    import * as promptSync from 'prompt-sync';
2
3    // Initializing prompt
4    const prompt = promptSync() as any; // Using 'any' for promptSync()
5
6    // Getting inputs from the user
7    const input1: any = prompt("Enter first number: "); // 'any' allows input1 to be any type
8    const input2: any = prompt("Enter second number: "); // Same for input2
9
10   // Converting inputs to numbers, as inputs are strings by default
11   const num1: number = parseFloat(input1);
12   const num2: number = parseFloat(input2);
13
14   // Function to handle division that can throw an error
15   function handleDivision(dividend: number, divisor: number): number | never {
16       if (divisor === 0) {
17           throw new Error("Division by zero is not allowed!"); // Throws error, function never completes
18       }
19       return dividend / divisor;
20   }
21
22   // Performing calculations
23   console.log("Addition:", num1 + num2);
24   console.log("Subtraction:", num1 - num2);
25   console.log("Multiplication:", num1 * num2);
26
27   try {
28       console.log("Division:", handleDivision(num1, num2)); // Using 'never' in function signature
29   } catch (error: any) {
30       console.error(error.message); // Catching the error when division by zero happens
31   }
32
```

```
PS C:\Users\navan\Desktop\typescript-calculator> node calculator.js
>>
>>
Enter first number: 2
Enter first number: 2
Enter second number: 5
Addition: 7
Subtraction: -3
Subtraction: -3
Multiplication: 10
Division: 0.4
PS C:\Users\navan\Desktop\typescript-calculator> 
```