

script.js

```
1  /*
2
3  2. Explain how explicit type conversion differs from implicit type conversion in JavaScript. Also, provide a supporting example.
4
5  Ans: In JavaScript, explicit type conversion and implicit type conversion refer to how data types are converted from one type to
6  another, but they differ in how the conversion occurs.
7
8  Implicit Type Conversion automatically converts the value to the target data type.
9
10 Explicit Type Conversion requires the use of a function or operator to convert the value to the target data type.
11 */
12
13 // Example 1: Implicit Type Conversion
14
15 let result = '5' + 2; // '5' is a string, 2 is a number
16
17 console.log(result); // Output: '52' (number 2 is coerced into a string and concatenated with '5')
18
19 // Example 2: Explicit Type Conversion
20
21 let num = '123';
22
23 let convertedNum = Number(num); // Explicit conversion from string to number
24
25 console.log(convertedNum); // Output: 123 (as a number)
```