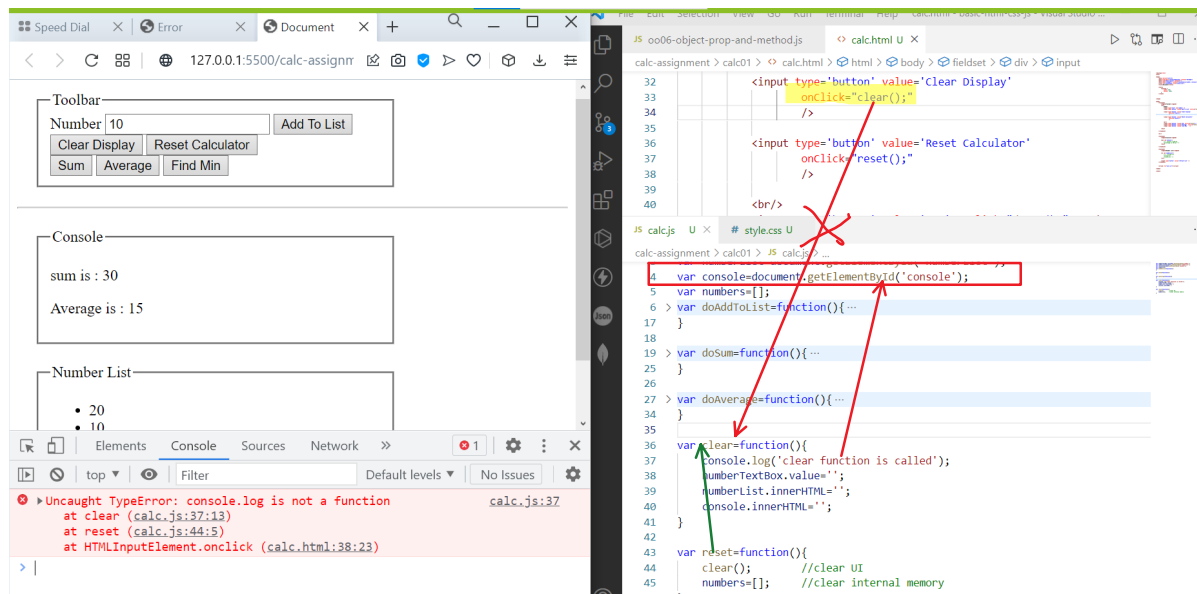


Javascript Variable Scopes

Friday, March 11, 2022 3:10 PM



Problem

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Problem #2 console.log is not a function

- console is a well-known built-in window object that contain log function

The Main Problem

- 'window' properties are not constant.
- You can replace any object or method that are global (i.e. belongs to window) with whatever you like
- In our code we defined a new 'console' that simply replaced the built-in console with our version
- Our console is a DOM object and not BOM object
 - o It is an HTML element and not the developer console area

Name conflict

- Javascript depends on global (window) elements
- Global elements can overwrite each other
- There is no method overload available
- There is no protection from a code accidentally overwriting another code
 - o Global
 - o Or from third party library

Solution

- Avoid having too many global names in your code
- You should use concepts like
 - o Objects
 - o Closures.