

JS tips

Friday, 16 February 2024 7:02 PM

Steps:

- Create a folder and drag and drop into VS code
- Create index.html file inside it
 - Press ! + tab
- Add Live server add extension
- Right click Index.html -> Open with Live server
 - It opens in <http://127.0.0.1:5500/index.html>
- To execute JS we have to add <Script> which comes inside <head> or <body>
- You can have separate JS file and reference in index.html file using "src"
 - <script src="index.js"> </script>

Datatypes:

Primitive	Reference
String	Object
Number	Arrays
Boolean	Functions
Undefined	
null	

Key differences:

- Accessing an object using . And []
 - Person.name vs Person['name']
- Length of the array can be dynamic
 - Let colors = ['red','yellow']
 - colors[2] = 'green'
- We can store other data types as well inside an array
 - Colors[3] = 2
- While calling a function its not necessary to pass all the arguments, if we don't pass an argument its treated as undefined
 - Function greet(fname, lastname){ console.log(fname+' '+lastname)}
 - Greet('alpha');

Shortcuts:

- Any Browser ->
 - cmd + option + I -> to open console
- Vscode
 - Press ! + tab -> For default index.html file

Using Dot and bracket Notations:

- Dot can be used to assign or access the property of an object
 - E.g: var car = {}
 - Car.color='blue'
 - Car['color'] = 'blue'
 - Car.color -> will return blue
 - Car['color'] -> will return blue
 - Bracket notation is useful when setting properties of reserved keywords or if the property has a space or if the property has a special char