

HTML

Cast Elements to HTMLElements
`elems as HTMLCollectionOf<HTMLElement>`

Javascript

Find text in strings
`"Hello world".includes("world");`
`// True`

String to Int
`var a = parseInt("10")`

Int to String
`value.toString() or "" + value or String(value)`

Switch statement
`switch(expression) {`
`case n:`
`code block`
`break;`
`default:`
`code block`
`}`

declare var as function
`var a: Function`

call object method as parameter
`function bar(obj: Foo, func: string) {`
`obj[func](); }`

Find string in array of strings
`var strs = ['abc', 'def', 'ghi'];`
`strs.find(str => {`
`return str === 'abc'`
`});`

Creating a Promise
`myProm = new Promise((res, rej) =>`
`{`
`// something asynchronous then`
`call:`
`res(someValue); // or`
`rej("failure reason");`
`}`

Javascript (cont)

Creating an Observable
`let obs = Observable.create(obs => {`
`setTimeout(() => {`
`obs.next("data to send");`
`console.log("am done");`
`obs.complete();// we are`
`} done`
`// obs.error(new`
`Error("msg"));`
`}, 2000);`
`})`

Loop through object
`for (const v of Object.keys(vs)) {`
`r.push(vs[v]) }`

Parse string to object
`JSON.parse()`

Is variable an array
`Array.isArray()`

case statement
`switch(expression) {`
`case n:`
`code block`
`break;`
`default:`
`code block`
`}`

Test for empty object
`Object.keys(obj).length === 0`

Angular CLI

Build in test mode
`ng build --environment=test`

Start server
`lite-server`

lite-server configuration
`"files": ["/dist/*.{js}"],`
`"server": { "baseDir": "/dist" }`



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 Page 1 of 2.

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Python

Ternary operator	a if condition else b
Remove array element	<p>remove first matching value</p> <pre>[0, 2, 3, 2].remove(2) => [0, 3, 2]</pre> <p>remove a specific index</p> <pre>[3, 2, 2, 1].del a[1] => [3, 2, 1]</pre> <p>return the removed element</p> <pre>[4, 3, 5].pop(1) returns 3 => [4, 5]</pre>
Item in list	someElement in someList
Print tuple	print "{0}, {1}, {2}".format(*[1, 2, 3])
Flatten tuple	<pre>[el for tup in ((1, 2), (3,)) for el in tup]</pre> <pre>=> [1, 2, 3]</pre>
Index in list	<pre>["foo", "bar", "baz"].index("bar")</pre>
regex replace	<pre>re.sub(pattern, repl, string, count=0, flags=0)</pre>
print array	print ', '.join(names)
for loop with index	for idx, val in enumerate(list):
for in - val is the value (not index)	for val in list
int to string	str(number)
find substring	string.find('substring')

Angular

@NgModule({	
providers	- injectable objects, can appear in the constructor
declarations	
imports	- list of directives/pipes
exports	- list of modules whose exported directives/pipes should be available to templates in this module
entryComponents	- directives/pipes/modules used in template of components part of module importing this module
bootstrap	- list of components that should be compiled when this module is defined
schemas	- components that should be bootstrapped when this module is bootstrapped
id	
})	

