

24-08 - Advanced Javascript Concept - 3

Wednesday, 24 August 2022 8:15 PM

JSON

Javascript Object

JSON vs JS Object

Conversion from JSON

→ JSON is a text-based data format that is mainly used for storing & transferring data.

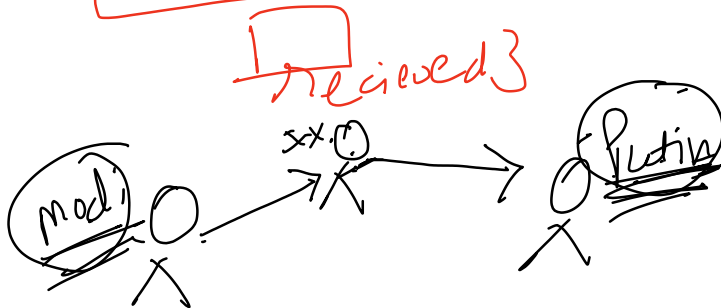
// Syntax

{ data of key-value pair
separated by ":"

"name": "John",
"age": 21

JSON was derived by Javascript.

Note: A → Java, F → Scala, N → GoLang



JSON obj \neq Javascript obj

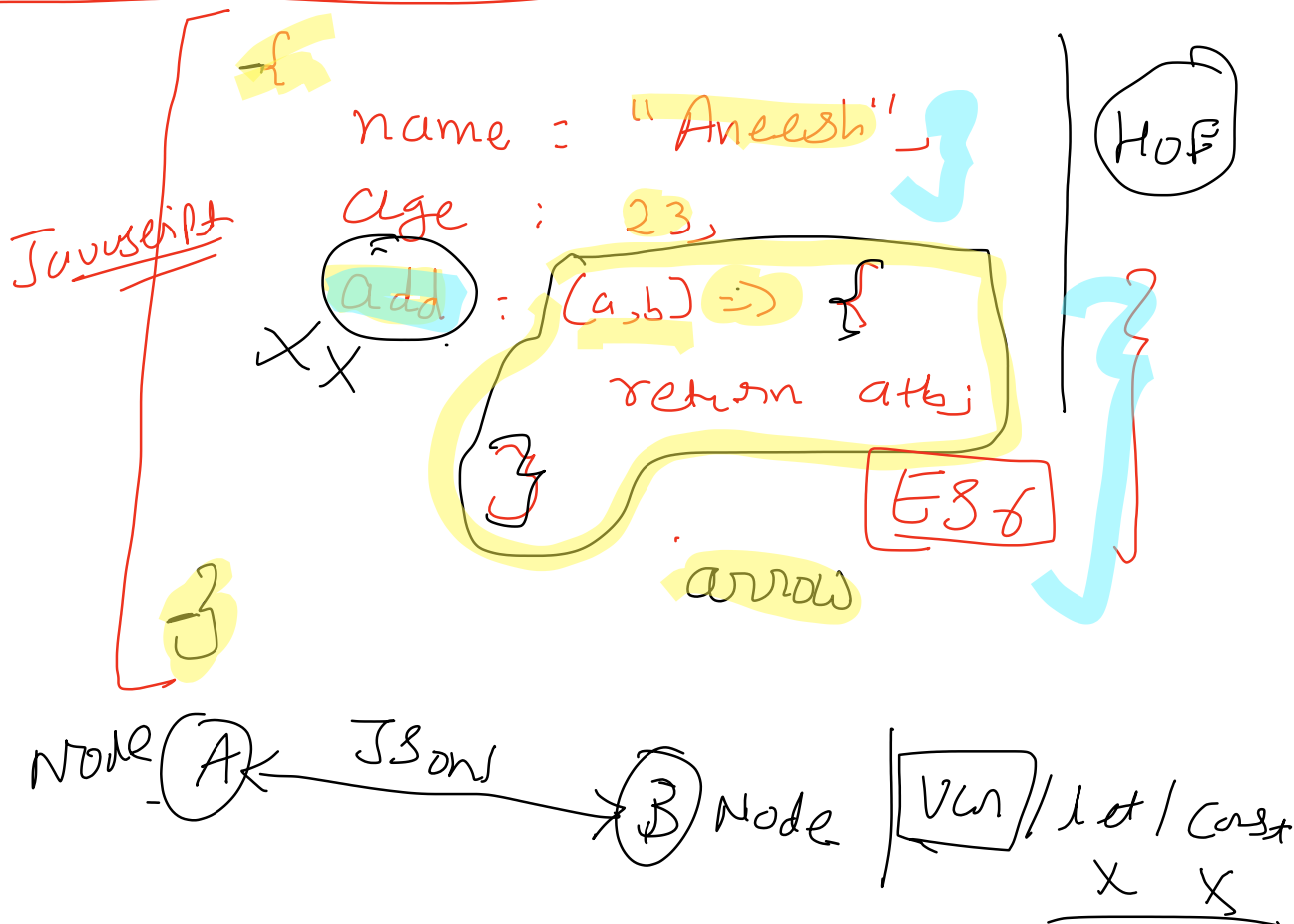
Meaning:

Javascript obj

JSON

1. key \Rightarrow surrounded with " "
2. JSON can't contain fn.
3. JSON \rightarrow created / used by other prog. lang.

key \Rightarrow will / won't surrounded with " ".
 contain fn
 JS obj \Rightarrow used only in JS.



```

debugger;
a = 10;
console.log(a);
var a;
console.log(a);
10
10
undefined

```

$\{ \text{var a; } \}$
 $\{ \text{a = 10; } \}$

```
debugger;  
function parent(){  
  debugger;  
  function hoisted(){  
    return "I'm a function";  
  }  
  var hoisted = "I'm a variable";  
  return hoisted();  
}  
  
console.log(parent());
```

function parent()
{
 [var hoisted;
 function hoisted();
 }

 }
 hoisted = "I'm va"
}