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## CHAP 5: Shortest JS Program, window & this keyword

"Well, it's an empty file"  
-> But still Global execution context is created and memory assigned to it.

• Now, we also get something called 'window', what's that?

=> 'Window' is actually a global object which is created along with Global Execution Context.



\* Along with that, a 'this' keyword is also created.

=> In global level, 'this' points to the 'window' object.

\* Now, as in the global space, 'this' is equal to 'window' object, i.e

>> `this === window`

>> `true`



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• Now, what is this 'Global Space'? which -  
⇒ Any code you write inside a JS <sup>^</sup> is not inside a function.

• Let me give you an example & simplify:  
var a = 10; → This is inside Global Space.  
function b() { → This is also inside GS.  
var x = 20; → But this 'var x' is not  
} inside GS.

\* In simple words, anything which is not inside a function is Global Space.

⇒ To access 'var a', we can write:

```
console.log(window.a);  
console.log(this.a);  
console.log(a);
```