

* Shortest JS Program :-

→ Empty file is the shortest JS program

↳ The JS Engine will initialize a GEC (Global Execution Context) & setting up memory

↳ ~~Global~~ Object — Window. It is automatically created by the JS engine.

↳ The Window object contains built-in functions, methods & properties that can be used anywhere in the program.

↳ GEC is created by JS engine when a program starts.

* JS is a loosely typed language.



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→ This content sets up the memory space for global variables and functions.

* Global Space:- Variables & functions declared outside any function.

→ These variables & functions are attached to 'window' object. (i.e. `window.variableName`);

→ If no object is specified when accessing a variable, it is assumed to be in the global ~~space~~ scope.

Note:- Accessing a variable without defining it in the global scope results in an Error

* this keyword:-

`this == window`