**Javascript.info Notes**

**Part 1**

The browser has an embedded engine sometimes called “Javascript Virtual Machine”.

*Engine codenames:*

Chrome & Opera->V8

Firefox ->SpiderMonkey

*How do engines work?*

1.- The engine parses the script

2.- The engine compiles the script

3.- The machine code runs.

In browser JS:

JS do not provide low-level access.

JS has no direct access to OS system functions.

JS cannot read/write arbitrary files on the hard disk.

Such limits do not exist if JS is used outside of the browser, like a server.

*Where to place JS code?*

Simple short JS code can be done into HTML, otherwise it should be in separate files

*Why?*

The downloaded JS external file will be stored in cache. This make pages faster.