WHAT IS JAVASCRIPT?

- JavaScript was initially created to "make web pages alive".

- Scripts : The programs in this language.

- They can be written right in a web page's HTML and run automatically as the page loads.

- Scripts are provided and executed as plain text. They don't need special preparation or compilation to run.

- Today, JavaScript can execute not only in the browser, but also on the server, or actually on any device that has a special program called the **JavaScript engine**.

- The browser has an embedded engine sometimes called a **"JavaScript virtual machine"**.Different engines have different "codenames".

- For example:
  - ✓ V8   –   Chrome, Opera and Edge.
  - ✓ SpiderMonkey –   Firefox.
  - ✓ Chakra   -   IE
  - ✓ JavaScriptCore, Nitro and "SquirrelFish" for Safari

- JavaScript is the programming language of the Web.

- JavaScript was invented by Brendan Eich in 1995, and became an ECMA standard in 1997.

- ECMA-262 is the official name of the standard. ECMAScript is the official name of the language.