1)

URL: <https://www.youtube.com/watch?v=Wlr5sOZaEAI>

Summary:

JavaScript started in May of 1995 where internet became popular and web pages were static (only images in float left or right and flat text). Netscape was a commercial browser and they wanted webpage to be dynamic and livelier so they thought to create a scripting language. So they gave this job to Brendan Eich who made the language in 10 days and firstly it was called Mocha, then in the release of Netscape was called livescript and then changed to javascript for promotional and commercial purpose.

2)

Javascript is a high-level, dynamic, untyped, interpreted programming language. Explain all the terms:

1. High-level programming language: The amount of abstraction of the language makes the language more high-level o or low-level programming language.

b. Dynamic programming language: is a class of high-level programming where gives the programmer more freedom to pass parameters at runtime without having to define them beforehand.

c. Untyped programming language: means it doesn´t have a big amount of type declaration.

d. Interpreted programming language: it´s a language which is interpreted without compiling a program into machine instructions.

3)

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| JAVA | JAVASCRIPT |
| is a general-purpose programming language, majorly class-based and object-oriented. | Is a programming language that conforms to the ECMA Script specification. It is a high level, often just-in-time compiled and multiparadigm. |
| Programming language | Scripting language |
| Can be run in VM or browser | Used only in browsers |
| Java objects are class-based and no object can be created without forming a class. | The objects of JavaScript are prototype-based. |
| Java program takes up more memory than JavaScript. | JavaScript requires comparatively less memory than Java and hence it is used in webpages. |

7)Yes it works because it’s a dynamic and interpreted programming language.