Day 1 - Activity

Task 1 :

To read:

a) https://stackoverflow.com/questions/1517582/what-is-the-difference-between-statically-typed-and-dynamically-typed-languages

b) https://stackoverflow.com/questions/17253545/scripting-language-vs-programming-language

a) Output:

Statically Typed Languages	Dynamically Typed Languages
1) Performs type checking at compile time 2) Variables have types and the values cannot be changed Ex: ✅ String name; ✅ name="Sethu"; ❌ name=34	1) Performs type checking at run time 2) Variables have no types and the values change dynamically Ex: ✅ var name; ✅ name="Sethu"; ✅ name=34;

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Task 1 :

b) Output:

Scripting Language	Programming Language
1) A scripting language, script language or extension language is a programming language that allows control of one or more applications. 2) Interpreter based language 3) Does not create a .exe file 4) Needs to be embedded to existing parent program. 5) Used in web development. Ex: Javascript, Pearl, VBScript	1) A programming language is an artificial language designed to communicate instructions to a machine, particularly a computer. 2) Compiler-based language 3) Creates a .exe file 4) Runs independently. 5) Used in Application/Software development Ex: C, C++, Java

Day 1 - Activity

Task 2 :
Codekata Practice: I am practicing regularly whenever I get time

Task 3 :
Difference between HTTP1.1 vs HTTP2

Output:

HTTP/1	HTTP/2
1) It keeps all requests and responses in plain text format. 2) Ordered and blocking	1) It uses the binary framing layer to encapsulate all messages in binary format. 2) Fully multiplexed

Example screenshot: