**Javascript - Day -1 : Introduction to Browser & web**

**1.What is the difference between statically typed and dynamically typed languages?**

Ans:**Statically typed languages**

A language is dynamically typed if the type is associated with run-time values, and not named variables/fields/etc. This means that you as a programmer can write a little quicker because you do not have to specify types every time (unless using a statically-typed language with type inference).

Examples: Perl, Ruby, Python, PHP, JavaScript, Erlang

**Dynamically typed languages**

A language is dynamically typed if the type is associated with run-time values, and not named variables/fields/etc. This means that you as a programmer can write a little quicker because you do not have to specify types every time (unless using a statically-typed language with type inference).

Examples: Perl, Ruby, Python, PHP, JavaScript, Erlang

**2.Explain the difference between scripting language and programming language** ?

Ans: **Scripting languages:**

• Javascript

• Perl

• Python

**Adv of scripting languages:**

• Simple – scripting languages are easier to write than programming language

• Fewer lines of code(LOC)

**Programmed languages:**

• C

• C++

• Java

3. Programming Paradigms

Ans: A Programming paradigm is a style, or “way“, of programming.