**Chapter 7: Introducing JSON:**

**What is JSON?**

is a language-independent data format that expresses JSON objects as human-readable lists of properties. JSON is available in many programming languages. (AJAX, NoSQL database, Twitter, Flickr,…)

**JSON Syntax Tour?**

{

Property1,

Property2

}

A comma is not placed after the final property. For each property, the name is expressed as a string (by double quotes) (or called as key).

JSON supports six types of value of name:

Number: exponential (E) notation, doesn’t permit nonnumber ( such as NAN).

String

Boolean

Array

Object : contains branch of other name ( or called as key ), like composite DOM object in HTML

Null

**Demonstrating JSON with Javascript:**

From Javascript object, parsing this object to convert text into JSON by parse().

**Validating JSON Objects:**

JSON Schema provides complete structural validation. For example, in JSON Schema, we have set the maximum of age is 65. Then we create the object following the schema with age 66. The schema will log error.