.txt format using separator(, $$ $ $$$ or tab):

**Name,City,Age**

Ravi,Lucknow,23

Mohan, Delhi,34

Swati,Mumbai,21

**same data can be stored in .csv, .xlsx, .xls files.**

Same data can be stored in database....mysql , sqlserver....

in Database you can communicate with SQL, doing operations such as

: Create Table(name of table as well as columns information)

: Insert data, delete data, modify/edit data in the table

**XML way of strong data:**

**Name,City,Age**

Ravi,Lucknow,23

Mohan, Delhi,34

Swati,Mumbai,21

<class>

<student>

<Name> Ravi </Name>

<City> Lucknow </City>

<Age> 23 </Age>

<mobile> 5664748990></mobile>

<address> nirala nagar, Lucknow </address>

</student>

<student>

<Name> Mohan </Name>

<City> Delhi </City>

<Age> 34 </Age>

</student>

<student>

<Name> Swati </Name>

<City> Mumbai </City>

<Age> 21 </Age>

</student>

</students>

Whenever the data is stored like this, it is called XML(Extended Markup Language). This kind of file is generally given as .xml extension.

In HTML, Tag is predefined.

In XML, Tag is user-defined.

However system of writing is same.

#Someone stores the data in computer. Many retrieves the data from computer.

#Therefore all languages have functionality of accessing XML file. That is called XML Parser.

**JSON Format:**

**Name,City,Age**

Ravi,Lucknow,23

Mohan, Delhi,34

Swati,Mumbai,21

Concept of dictionary: we store the data in key:value format.

Table\_name: table\_data

{students:{

{1:{Name:Ravi,City:Lucknow,Age:23}},

{2: {Name:Mohan,City:Delhi,Age:34}},

{3:{Name:Swati,City:Mumbai,Age:21}}

}}

Any data can be stored in format of key:value pair.

This format of storing data is known as JSON (Java Script Object Notation) Format.

Every programming language has JSON parser to read JSON data.

JSON is Most important data format.