

# Chapter – 8 Services

- Service
- We already study in Chapter no : 2.

# What is JSON?

- Before moving further, I would like to explain that what is **JSON**. If you already know about **JSON**, then you can skip this part.
- **JSON** stands for **JavaScript Object Notation**. It is a widely used data interchange format. It is lightweight easy to understand and use.
- Now we use **JSON** because for machines we need a well-structured format to read the data, as the computer cannot think as human and machine need a fixed structure so that it can be programmed. So for this, we use **JSON**.

- A JSON can be of two structures.
- - 1) A collection of **Name Value** pairs. We call it an object.
  - 2) A list of values, we can call it an Array.

- JSON Object
- Below is a JSON Object.

```
{  
2  "name": "Belal Khan",  
3  "address": "Ranchi",  
4  "college": "St. Xavier's College",  
5  "age": 24,  
6  "dob": "30-04-1993"  
7 }
```

- JSON Array
- Below is a JSON array.

```
[  
3  "Spiderman",  
4  "Iron Man",  
5  "Captain America",  
6  "Thor"  
]
```

- [
- {
- "name":"Belal Khan",
- "address":"Ranchi",
- "college":"St. Xavier's College",
- "age":24,
- "dob":"30-04-1993"
- },
- {
- "name":"Sunny Kumar",
- "address":"Ranchi",
- "college":"JRU",
- "age":24,
- "dob":"20-04-1994"
- },
- ]

- Now perform practical to fetch mysql data.
- You have to create My SQL Database, Php File & android program.