

## **PRACTICAL NO. 08**

### **Encoding object in JSON**

```
package pk;

import org.json.simple.JSONObject;

public class JsonExample1 {

    public static void main(String args[]){
        JSONObject obj=new JSONObject();

        obj.put("name","sonoo");

        obj.put("age",new Integer(27));

        obj.put("salary",new Double(600000));

        System.out.print(obj);

    }
}
```

### **OUTPUT:**

run:

```
{"name":"sonoo","salary":600000.0,"age":27}BUILD SUCCESSFUL (total time: 0 seconds)
```

### **Decode object in JSON**

```
package pk;

import org.json.simple.JSONObject;

import org.json.simple.JSONValue;

public class JsonDecodeExample1 {

    public static void main(String[] args) {

        String s="{\"name\":\"sonoo\",\"salary\":600000.0,\"age\":27}";

        Object obj=JSONValue.parse(s);

        JSONObject jsonObject = (JSONObject) obj;

        String name = (String) jsonObject.get("name");

        double salary = (Double) jsonObject.get("salary");

        long age = (Long) jsonObject.get("age");

        System.out.println(name+" "+salary+" "+age);

    }

}
```

### **OUTPUT :**

run:

sonoo 600000.0 27

BUILD SUCCESSFUL (total time: 0 seconds)

