

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)

