*Assignment 14*

import org.json.simple.JSONObject;

public class JSONEncode

{

public static void main(String[] args)

{

// TODO Auto-generated method stub

JSONObject obj = new JSONObject();

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

obj .put( "num" , new Integer(100));

obj .put( "balance" , new Double(1000.21));

obj .put( "is\_vip" , new Boolean( true ));

System. out .print(obj);

}

}

**OUTPUT**

{"balance":1000.21,"is\_vip":true,"num":100,"name":"foo"}

import org.json.simple.JSONObject;

import org.json.simple.JSONValue;

import org.json.simple.JSONArray;

import org.json.simple.parser.ParseException;

import org.json.simple.parser.JSONParser;

public class JSONDecode

{

public static void main(String[] args)

{

// TODO Auto-generated method stub

JSONParser parser = new JSONParser();

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);

}

}