*Assignment 13*

*Object and array object using json*

import java.io.StringWriter;

import javax.json.Json;

import javax.json.JsonArray;

import javax.json.JsonArrayBuilder;

import javax.json.JsonObject;

import javax.json.JsonObjectBuilder;

import javax.json.JsonWriter;

public class JSONObj

{

public static void main(String[] args)

{ // TODO Auto-generated method stub

JsonObjectBuilder jsonBuilder = Json. createObjectBuilder ();

jsonBuilder.add("emp\_name", "Nataraj G");

jsonBuilder.add("emp\_id", 1016);

jsonBuilder.add("salary", 20000); // create Json array with only values

JsonArrayBuilder plnArrBld = Json. createArrayBuilder ();

plnArrBld.add("Rakesh");

plnArrBld.add("John");

JsonArray arr = plnArrBld.build();

jsonBuilder.add("direct\_contacts", arr); // create an array of key-value pairs

JsonArrayBuilder kvArrBld = Json. createArrayBuilder ();

kvArrBld.add(Json. createObjectBuilder ().add("email",

"java2novice@gmail.com").build());

kvArrBld.add(Json. createObjectBuilder ().add("mobile", "123123123123").build());

JsonArray contactsArr = kvArrBld.build(); // add contacts array object

jsonBuilder.add("contacts", contactsArr);

JsonObject empObj = jsonBuilder.build(); // here we are writing to String writer.

// if you want you can write it to a file as well

StringWriter strWtr = new StringWriter();

JsonWriter jsonWtr = Json. createWriter (strWtr);

jsonWtr.writeObject(empObj);

jsonWtr.close();

System. out .println(strWtr.toString());

}

}