```java
import org.json.JSONArray;
import java.util.*;

import org.json.simple.JSONObject;

public class EncodeObj {

 public static void main(String[] args) {

  try {

   Scanner sc = new Scanner(System.in);

   System.out.println("Enter a Employee ID :");
   int id=sc.nextInt();

   System.out.println("Enter a Name :");
   String name =sc.next();

   System.out.println("Enter a Salary :");
   double sal=sc.nextDouble();



   System.out.println("Enter a City :");
   String city =sc.next();

   System.out.println("Enter a state :");
   String state =sc.next();

   System.out.println("Enter a Country :");
   String country =sc.next();


   JSONObject obj = new JSONObject();
       obj.put("Emp_id", new Integer(id));
       obj.put("Emp_name",name);
       obj.put("Salary",new Double(sal));



       JSONObject address=new JSONObject();
       address.put("city",city);
       address.put("State",state);
       address.put("Country",country);

       obj.put("address",address);

       System.out.println(obj.toJSONString());

       int id1=(int) obj.get("Emp_id");
       String name1 = (String) obj.get("Emp_name");
       double sal1=(double) obj.get("Salary");
       String city1 = (String) address.get("city");
```

```java
        String state1 = (String) address.get("State");
        String country1 = (String) address.get("Country");



        System.out.println();
        System.out.println("Emp_id : "+id1);
        System.out.println("Emp_name : "+name1);
    System.out.println("Salary : "+sal1);
    System.out.println("City : "+city1);
    System.out.println("state : "+state1);
    System.out.println("Country : "+country1);



 }catch(Exception e)
 {
  e.printStackTrace();
 }



 }

}
```

Output:

Enter a Employee ID :
101
Enter a Name :
Shubham
Enter a Salary :
50000
Enter a City :
Pune
Enter a state :
Maharastra
Enter a Country :
India
{"Emp_id":101,"Salary":50000.0,"address":{"city":"Pune","State":"Maharastra","Country":"India"},"Emp_name":"Shubham"}

Emp_id : 101
Emp_name : Shubham
Salary : 50000.0
City : Pune
state : Maharastra
Country : India