

DWM EXP 7 Implementation - 1211061

Output of Data Extraction:

```
Select Command Prompt - mongo.exe

> db.datetime.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e6"), "datetime key" : "DT1", "datetime id" : "1001", "Date_id" : "20-12-2015", "Time_id" : "10:08:17" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e7"), "datetime key" : "DT2", "datetime id" : "2001", "Date_id" : "16-01-2016", "Time_id" : "21:21:20" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e8"), "datetime key" : "DT3", "datetime id" : "5001", "Date_id" : "12-12-2014", "Time_id" : "18:28:57" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e9"), "datetime key" : "DT4", "datetime id" : "6001", "Date_id" : "17-08-2015", "Time_id" : "15:51:26" }

> db.doctor.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3ea"), "doctor key" : "DR1", "doctor id" : "31", "D_name" : "Raj", "Affiliation" : "Sergeon", "D_residence" : "Mumbai", "D_gender" : "M" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3eb"), "doctor key" : "DR2", "doctor id" : "41", "D_name" : "Riya", "Affiliation" : "MD", "D_residence" : "Pune", "D_gender" : "F" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3ec"), "doctor key" : "DR3", "doctor id" : "81", "D_name" : "Pam", "Affiliation" : "Senior", "D_residence" : "Bangalore", "D_gender" : "F" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3ed"), "doctor key" : "DR4", "doctor id" : "48", "D_name" : "Karan", "Affiliation" : "Sergeon", "D_residence" : "Rajkot", "D_gender" : "M" }

> db.drug.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3ee"), "drug key" : "DG1", "drug id" : "301", "Medicine_type" : "Senchenizer", "Quantity" : "5", "Cost" : "350" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3ef"), "drug key" : "DG2", "drug id" : "401", "Medicine_type" : "Antidote", "Quantity" : "2", "Cost" : "400" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f0"), "drug key" : "DG3", "drug id" : "101", "Medicine_type" : "Antidote", "Quantity" : "3", "Cost" : "150" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f1"), "drug key" : "DG4", "drug id" : "201", "Medicine_type" : "Painkiller", "Quantity" : "1", "Cost" : "200" }

> db.patient.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f2"), "patient key" : "P1", "patient id" : "85", "P_gender" : "Female", "P_name" : "Prachi", "P_residence" : "Govandi", "Age" : "25", "Fever_type" : "Time" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f3"), "patient key" : "P2", "patient id" : "21", "P_gender" : "Male", "P_name" : "Rahul", "P_residence" : "Chembur", "Age" : "55", "Fever_type" : "High" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f4"), "patient key" : "P3", "patient id" : "45", "P_gender" : "Male", "P_name" : "Parsh", "P_residence" : "Mumbai", "Age" : "21", "Fever_type" : "Continuo" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f5"), "patient key" : "P4", "patient id" : "78", "P_gender" : "Female", "P_name" : "Prisha", "P_residence" : "Mahad", "Age" : "20", "Fever_type" : "Lowgrna" }

> db.temperature.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e1"), "temp key" : "T1", "temp id" : "1", "Temperature" : "104", "Measure_time" : "10:40:20", "Time_interval" : "6" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e2"), "temp key" : "T2", "temp id" : "2", "Temperature" : "100", "Measure_time" : "22:16:05", "Time_interval" : "8" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e3"), "temp key" : "T3", "temp id" : "3", "Temperature" : "104", "Measure_time" : "10:40:20", "Time_interval" : "14" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e4"), "temp key" : "T4", "temp id" : "4", "Temperature" : "100", "Measure_time" : "22:16:05", "Time_interval" : "5" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3e5"), "temp key" : "T5", "temp id" : "5", "Temperature" : "125", "Measure_time" : "12:45:04", "Time_interval" : "45" }

> db.fact.find()
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f6"), "Patient_id" : "P1", "Doctor_id" : "DR3", "Drug_id" : "DG4", "Temp_id" : "T5", "Datetime_id" : "DT3", "Daily_cost" : "550", "Total_cost" : "15000" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f7"), "Patient_id" : "P3", "Doctor_id" : "DR2", "Drug_id" : "DG2", "Temp_id" : "T2", "Datetime_id" : "DT1", "Daily_cost" : "800", "Total_cost" : "20000" }
{"_id" : ObjectId("56f4ea4ab1c609d5ac78b3f8"), "Patient_id" : "P4", "Doctor_id" : "DR4", "Drug_id" : "DG3", "Temp_id" : "T3", "Datetime_id" : "DT2", "Daily_cost" : "750", "Total_cost" : "12000" }
```

Database collections:

```
> db.datetime.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e6"), "datetime key" : "DT1", "datetime id" : "1001", "Date_id" : "20-12-2015", "Time_id" : "10:08:17" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e7"), "datetime key" : "DT2", "datetime id" : "2001", "Date_id" : "16-01-2016", "Time_id" : "21:21:20" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e8"), "datetime key" : "DT3", "datetime id" : "5001", "Date_id" : "12-12-2014", "Time_id" : "18:28:57" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e9"), "datetime key" : "DT4", "datetime id" : "6001", "Date_id" : "17-08-2015", "Time_id" : "15:51:26" }
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> db.doctor.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ea"), "doctor key" : "DR1", "doctor id" : "31", "D_name" : "Raj", "Affiliation" : "Sergeon", "D_residence" : "Mumbai", "D_gender" : "M" }
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{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ec"), "doctor key" : "DR3", "doctor id" : "81", "D_name" : "Pam", "Affiliation" : "Senior", "D_residence" : "Bangalore", "D_gender" : "F" }
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```

```

{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ed"), "doctor key" : "DR4", "doctor id" : "48", "D_name" : "Karan", "Affiliation" :
"Sergeon", "D_residence" : "Rajkot", "D_gender" : "M" }
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> db.drug.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ee"), "drug key" : "DG1", "drug id" : "301", "Medicine_type" : "Senchenizer",
"Quantity" : "5", "Cost" : "350" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ef"), "drug key" : "DG2", "drug id" : "401", "Medicine_type" : "Antidote", "Quantity" :
"2", "Cost" : "400" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f0"), "drug key" : "DG3", "drug id" : "101", "Medicine_type" : "Antidote", "Quantity" :
"3", "Cost" : "150" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f1"), "drug key" : "DG4", "drug id" : "201", "Medicine_type" : "Painkiller", "Quantity" :
"1", "Cost" : "200" }
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> db.patient.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f2"), "patient key" : "P1", "patient id" : "85", "P_gender" : "Female", "P_name" :
"Prachi", "P_residence" : "Govandi", "Age" : "25", "Fever_type" : "Timely" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f3"), "patient key" : "P2", "patient id" : "21", "P_gender" : "Male", "P_name" : "Rahul",
"P_residence" : "Chembur", "Age" : "55", "Fever_type" : "High" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f4"), "patient key" : "P3", "patient id" : "45", "P_gender" : "Male", "P_name" : "Parsh",
"P_residence" : "Mumbai", "Age" : "21", "Fever_type" : "Continuous" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f5"), "patient key" : "P4", "patient id" : "78", "P_gender" : "Female", "P_name" :
"Prisha", "P_residence" : "Mahad", "Age" : "20", "Fever_type" : "Lowgrade" }
>
>
> db.temperature.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e1"), "temp key" : "T1", "temp id" : "1", "Temperature" : "104", "Measure_time" :
"10:40:20", "Time_interval" : "6" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e2"), "temp key" : "T2", "temp id" : "2", "Temperature" : "100", "Measure_time" :
"22:16:05", "Time_interval" : "8" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e3"), "temp key" : "T3", "temp id" : "3", "Temperature" : "104", "Measure_time" :
"10:40:20", "Time_interval" : "14" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e4"), "temp key" : "T4", "temp id" : "4", "Temperature" : "100", "Measure_time" :
"22:16:05", "Time_interval" : "5" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3e5"), "temp key" : "T5", "temp id" : "5", "Temperature" : "125", "Measure_time" :
"12:45:04", "Time_interval" : "45" }
>
>
> db.fact.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f6"), "Patient_id" : "P1", "Doctor_id" : "DR3", "Drug_id" : "DG4", "Temp_id" : "T5",
"Datetime_id" : "DT3", "Daily_cost" : "550", "Total_cost" : "15000" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f7"), "Patient_id" : "P3", "Doctor_id" : "DR2", "Drug_id" : "DG2", "Temp_id" : "T2",
"Datetime_id" : "DT1", "Daily_cost" : "800", "Total_cost" : "20000" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f8"), "Patient_id" : "P4", "Doctor_id" : "DR4", "Drug_id" : "DG3", "Temp_id" : "T3",
"Datetime_id" : "DT2", "Daily_cost" : "750", "Total_cost" : "12000" }
>

```

Code:

```
//transform.java

import com.mongodb.*;
import java.util.*;
import java.io.*;
public class transform extends BasicDBObject
{
    public static void main( String args[] )throws IOException
    {
        int n=0,i=0;
        String date;
        List<String> a = new ArrayList<String>();
        MongoClient mongoClient = new MongoClient( "localhost" , 27017 );
        DB db = mongoClient.getDB( "medical" );
        System.out.println("Connect to database successfully");

        // seperating date's day month year in datetime table

        DBCollection datetime = db.getCollection("datetime");
        System.out.println("Collection for datetime selected successfully");
        DBCursor cursor = datetime.find();
        while (cursor.hasNext())
        {

            BasicDBObject obj = (BasicDBObject) cursor.next();
            a.add(""+obj.getString("datetime key"));
            a.add(""+obj.getString("datetime id"));
            date=obj.getString("Date_id");
            String[] s=date.split("-");
            a.add(s[0]);
            a.add(s[1]);
            a.add(s[2]);
            a.add(""+obj.getString("Time_id"));
            n++;

        }

        datetime.remove(new BasicDBObject());
        while(n>0)
        {

            BasicDBObject doc = new BasicDBObject("datetime key", a.get(i++)).
            append("datetime id", a.get(i++)).
            append("Day", a.get(i++)).
            append("Month", a.get(i++)).
            append("Year", a.get(i++)).
            append("Time_id", a.get(i++));
            datetime.insert(doc);
            System.out.println("Document updated successfully");
        }
    }
}
```

```

        n--;
    }

    // seperating measure_time's hour min sec in temperature table

    n=0;
    i=0;
    String time;
    List<String> b = new ArrayList<String>();

    DBCollection temperature = db.getCollection("temperature");
    System.out.println("Collection for temperature selected successfully");
    cursor = temperature.find();
    while (cursor.hasNext())
    {

        BasicDBObject obj = (BasicDBObject) cursor.next();
        b.add(""+obj.getString("temp key"));
        b.add(""+obj.getString("temp id"));
        b.add(""+obj.getString("Temperature"));
        time=obj.getString("Measure_time");
        String[] s=time.split(":");
        b.add(s[0]);
        b.add(s[1]);
        b.add(s[2]);
        b.add(""+obj.getString("Time_interval"));
        n++;

    }

    temperature.remove(new BasicDBObject());
    while(n>0)
    {

        BasicDBObject doc = new BasicDBObject("temp key", b.get(i++)).
        append("temp id", b.get(i++)).
        append("Temperature", b.get(i++)).
        append("Hour", b.get(i++)).
        append("Minute", b.get(i++)).
        append("Second", b.get(i++)).
        append("Measure_time", b.get(i++));
        temperature.insert(doc);
        System.out.println("Document updated successfully");

        n--;
    }

    // changing Male to M nd Female to F in patient table

    DBCollection patient = db.getCollection("patient");

```

```

System.out.println("Collection for patient selected successfully");
cursor = patient.find();
while (cursor.hasNext())
{
    BasicDBObject obj = (BasicDBObject) cursor.next();

    BasicDBObject maleDocument = new BasicDBObject();
    maleDocument.append("$set", new BasicDBObject().append("P_gender", "M"));
    BasicDBObject searchQuery = new BasicDBObject().append("P_gender", "Male");
    patient.update(searchQuery, maleDocument);
}
cursor = patient.find();
while (cursor.hasNext())
{
    BasicDBObject obj = (BasicDBObject) cursor.next();

    BasicDBObject femaleDocument = new BasicDBObject();
    femaleDocument.append("$set", new BasicDBObject().append("P_gender", "F"));
    BasicDBObject searchQuery = new BasicDBObject().append("P_gender", "Female");
    patient.update(searchQuery, femaleDocument);
    System.out.println("Document updated successfully");
}

// changing M to Male nd F to Female in doctor table

DBCollection doctor = db.getCollection("doctor");
System.out.println("Collection for doctor selected successfully");
cursor = doctor.find();
while (cursor.hasNext())
{
    BasicDBObject obj = (BasicDBObject) cursor.next();

    BasicDBObject maleDocument = new BasicDBObject();
    maleDocument.append("$set", new BasicDBObject().append("D_gender", "Male"));
    BasicDBObject searchQuery = new BasicDBObject().append("D_gender", "M");
    doctor.update(searchQuery, maleDocument);
}
cursor = doctor.find();
while (cursor.hasNext())
{
    BasicDBObject obj = (BasicDBObject) cursor.next();

    BasicDBObject femaleDocument = new BasicDBObject();
    femaleDocument.append("$set", new BasicDBObject().append("D_gender", "Female"));
    BasicDBObject searchQuery = new BasicDBObject().append("D_gender", "F");
    doctor.update(searchQuery, femaleDocument);
    System.out.println("Document updated successfully");
}
}

```

Transformations performed:

1. Separating Date_id's day month year in datetime table (Splitting)
2. Separating Measure_time's hour min sec in temperature table (Splitting)
3. Changing Male to M and Female to F in patient table (Modification)
4. Changing M to Male and F to Female in doctor table (Modification)

Output of Data Extraction:

```
Command Prompt - mongo.exe

db.datetime.find()
{"_id": ObjectId("56f4ec53b1c67ac9aef28b82"), "datetime key": "DT1", "datetime id": "1001", "Day": "20", "Month": "12", "Year": "2015", "Time_id": "10:08:17" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b83"), "datetime key": "DT2", "datetime id": "2001", "Day": "16", "Month": "01", "Year": "2016", "Time_id": "21:21:20" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b84"), "datetime key": "DT3", "datetime id": "5001", "Day": "12", "Month": "12", "Year": "2014", "Time_id": "18:28:57" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b85"), "datetime key": "DT4", "datetime id": "6001", "Day": "17", "Month": "08", "Year": "2015", "Time_id": "15:51:26" }

db.doctor.find()
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3ea"), "doctor key": "DR1", "doctor id": "31", "D_name": "Raj", "Affiliation": "Sergeon", "D_residence": "Mumbai", "D_gender": "Male" }
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{"_id": ObjectId("56f4ea4ab1c609d5ac78b3ec"), "doctor key": "DR3", "doctor id": "81", "D_name": "Pam", "Affiliation": "Senior", "D_residence": "Banglore", "D_gender": "Female" }
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3ed"), "doctor key": "DR4", "doctor id": "48", "D_name": "Karan", "Affiliation": "Sergeon", "D_residence": "Rajkot", "D_gender": "Male" }

db.drug.find()
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3ee"), "drug key": "DG1", "drug id": "301", "Medicine_type": "Senchenizer", "Quantity": "5", "Cost": "350" }
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3ef"), "drug key": "DG2", "drug id": "401", "Medicine_type": "Antidote", "Quantity": "2", "Cost": "400" }
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3f0"), "drug key": "DG3", "drug id": "101", "Medicine_type": "Antidote", "Quantity": "3", "Cost": "150" }
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3f1"), "drug key": "DG4", "drug id": "201", "Medicine_type": "Painkiller", "Quantity": "1", "Cost": "200" }

db.patient.find()
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db.temperature.find()
{"_id": ObjectId("56f4ec53b1c67ac9aef28b86"), "temp key": "T1", "temp id": "1", "Temperature": "104", "Houn": "10", "Minute": "40", "Second": "20", "Measure_time": "6" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b87"), "temp key": "T2", "temp id": "2", "Temperature": "100", "Houn": "22", "Minute": "16", "Second": "05", "Measure_time": "8" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b88"), "temp key": "T3", "temp id": "3", "Temperature": "104", "Houn": "10", "Minute": "40", "Second": "20", "Measure_time": "14" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b89"), "temp key": "T4", "temp id": "4", "Temperature": "100", "Houn": "22", "Minute": "16", "Second": "05", "Measure_time": "5" }
{"_id": ObjectId("56f4ec53b1c67ac9aef28b8a"), "temp key": "T5", "temp id": "5", "Temperature": "125", "Houn": "12", "Minute": "45", "Second": "04", "Measure_time": "45" }

db.fact.find()
{"_id": ObjectId("56f4ea4ab1c609d5ac78b3f6"), "Patient_id": "P1", "Doctor_id": "DR3", "Drug_id": "DG4", "Temp_id": "T5", "Datetime_id": "DT3", "Daily_cost": "550", "Total_cost": "15000" }
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{ "_id": ObjectId("56f4ec53b1c67ac9aef28b83"), "datetime key": "DT2", "datetime id": "2001", "Day": "16", "Month": "01", "Year": "2016", "Time_id": "21:21:20" }
{ "_id": ObjectId("56f4ec53b1c67ac9aef28b84"), "datetime key": "DT3", "datetime id": "5001", "Day": "12", "Month": "12", "Year": "2014", "Time_id": "18:28:57" }
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>
>
> db.doctor.find()
```

```

{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ea"), "doctor key" : "DR1", "doctor id" : "31", "D_name" : "Raj", "Affiliation" :
"Surgeon", "D_residence" : "Mumbai", "D_gender" : "Male" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3eb"), "doctor key" : "DR2", "doctor id" : "41", "D_name" : "Riya", "Affiliation" : "MD",
"D_residence" : "Pune", "D_gender" : "Female" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ec"), "doctor key" : "DR3", "doctor id" : "81", "D_name" : "Pam", "Affiliation" :
"Senior", "D_residence" : "Banglore", "D_gender" : "Female" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ed"), "doctor key" : "DR4", "doctor id" : "48", "D_name" : "Karan", "Affiliation" :
"Surgeon", "D_residence" : "Rajkot", "D_gender" : "Male" }
>
>
> db.drug.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ee"), "drug key" : "DG1", "drug id" : "301", "Medicine_type" : "Sensitizer",
"Quantity" : "5", "Cost" : "350" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3ef"), "drug key" : "DG2", "drug id" : "401", "Medicine_type" : "Antidote", "Quantity" :
"2", "Cost" : "400" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f0"), "drug key" : "DG3", "drug id" : "101", "Medicine_type" : "Antidote", "Quantity" :
"3", "Cost" : "150" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f1"), "drug key" : "DG4", "drug id" : "201", "Medicine_type" : "Painkiller", "Quantity" :
"1", "Cost" : "200" }
>
> db.patient.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f2"), "patient key" : "P1", "patient id" : "85", "P_gender" : "F", "P_name" : "Prachi",
"P_residence" : "Govandi", "Age" : "25", "Fever_type" : "Timely" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f3"), "patient key" : "P2", "patient id" : "21", "P_gender" : "M", "P_name" : "Rahul",
"P_residence" : "Chembur", "Age" : "55", "Fever_type" : "High" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f4"), "patient key" : "P3", "patient id" : "45", "P_gender" : "M", "P_name" : "Parsh",
"P_residence" : "Mumbai", "Age" : "21", "Fever_type" : "Continuous" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f5"), "patient key" : "P4", "patient id" : "78", "P_gender" : "F", "P_name" : "Prisha",
"P_residence" : "Mahad", "Age" : "20", "Fever_type" : "Lowgrade" }
>
>
> db.temperature.find()
{ "_id" : ObjectId("56f4ec53b1c67ac9aef28b86"), "temp key" : "T1", "temp id" : "1", "Temperature" : "104", "Hour" : "10", "Minute" :
"40", "Second" : "20", "Measure_time" : "6" }
{ "_id" : ObjectId("56f4ec53b1c67ac9aef28b87"), "temp key" : "T2", "temp id" : "2", "Temperature" : "100", "Hour" : "22", "Minute" :
"16", "Second" : "05", "Measure_time" : "8" }
{ "_id" : ObjectId("56f4ec53b1c67ac9aef28b88"), "temp key" : "T3", "temp id" : "3", "Temperature" : "104", "Hour" : "10", "Minute" :
"40", "Second" : "20", "Measure_time" : "14" }
{ "_id" : ObjectId("56f4ec53b1c67ac9aef28b89"), "temp key" : "T4", "temp id" : "4", "Temperature" : "100", "Hour" : "22", "Minute" :
"16", "Second" : "05", "Measure_time" : "5" }
{ "_id" : ObjectId("56f4ec53b1c67ac9aef28b8a"), "temp key" : "T5", "temp id" : "5", "Temperature" : "125", "Hour" : "12", "Minute" :
"45", "Second" : "04", "Measure_time" : "45" }
>
>
> db.fact.find()
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f6"), "Patient_id" : "P1", "Doctor_id" : "DR3", "Drug_id" : "DG4", "Temp_id" : "T5",
"Datetime_id" : "DT3", "Daily_cost" : "550", "Total_cost" : "15000" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f7"), "Patient_id" : "P3", "Doctor_id" : "DR2", "Drug_id" : "DG2", "Temp_id" : "T2",
"Datetime_id" : "DT1", "Daily_cost" : "800", "Total_cost" : "20000" }
{ "_id" : ObjectId("56f4ea4ab1c609d5ac78b3f8"), "Patient_id" : "P4", "Doctor_id" : "DR4", "Drug_id" : "DG3", "Temp_id" : "T3",
"Datetime_id" : "DT2", "Daily_cost" : "750", "Total_cost" : "12000" }

```