***Semi-Join***

import java.util.\*;

import java.sql.\*;

class SemiJoin

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

try

{

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@DESKTOP-8KR21VC:1521:sqlplus","scott","finalbtech8");

Statement stmt=con.createStatement();

ResultSet r = stmt.executeQuery("create table temp1 as select u.id from userRegis u,doc d where u.id = d.userid");

ResultSet res = stmt.executeQuery("select \* from temp1");

System.out.println("Step 1 Results :");

System.out.println("id");

while(res.next())

System.out.println(res.getInt("id"));

ResultSet r1 = stmt.executeQuery("create table temp2 as select t1.id,d.docname from temp1 t1,doc d where t1.id = d.userid");

ResultSet res1 = stmt.executeQuery("select \* from temp2");

System.out.println("Step 2 Results :");

System.out.println("id\tDocName");

while(res1.next())

System.out.println(res1.getInt(1)+"\t"+res1.getString(2));

ResultSet r2 = stmt.executeQuery("create table temp3 as select t2.id,t2.docname,d.city,d.gender,d.docid,d.docmail,d.mnumber from temp2 t2,doc d where t2.id = d.userid");

ResultSet res2 = stmt.executeQuery("select \* from temp3");

System.out.println("Step 3 Results :");

System.out.println("id\tDocName\tCity\tGender\tDocID\tDocMail\t\t\tDocMNumber");

while(res2.next())

System.out.println(res2.getInt(1)+"\t"+res2.getString(2)+"\t"+res2.getString(3)+"\t"+res2.getString(4)+"\t"+res2.getInt(5)+"\t"+res2.getString(6)+"\t\t"+res2.getString(7));

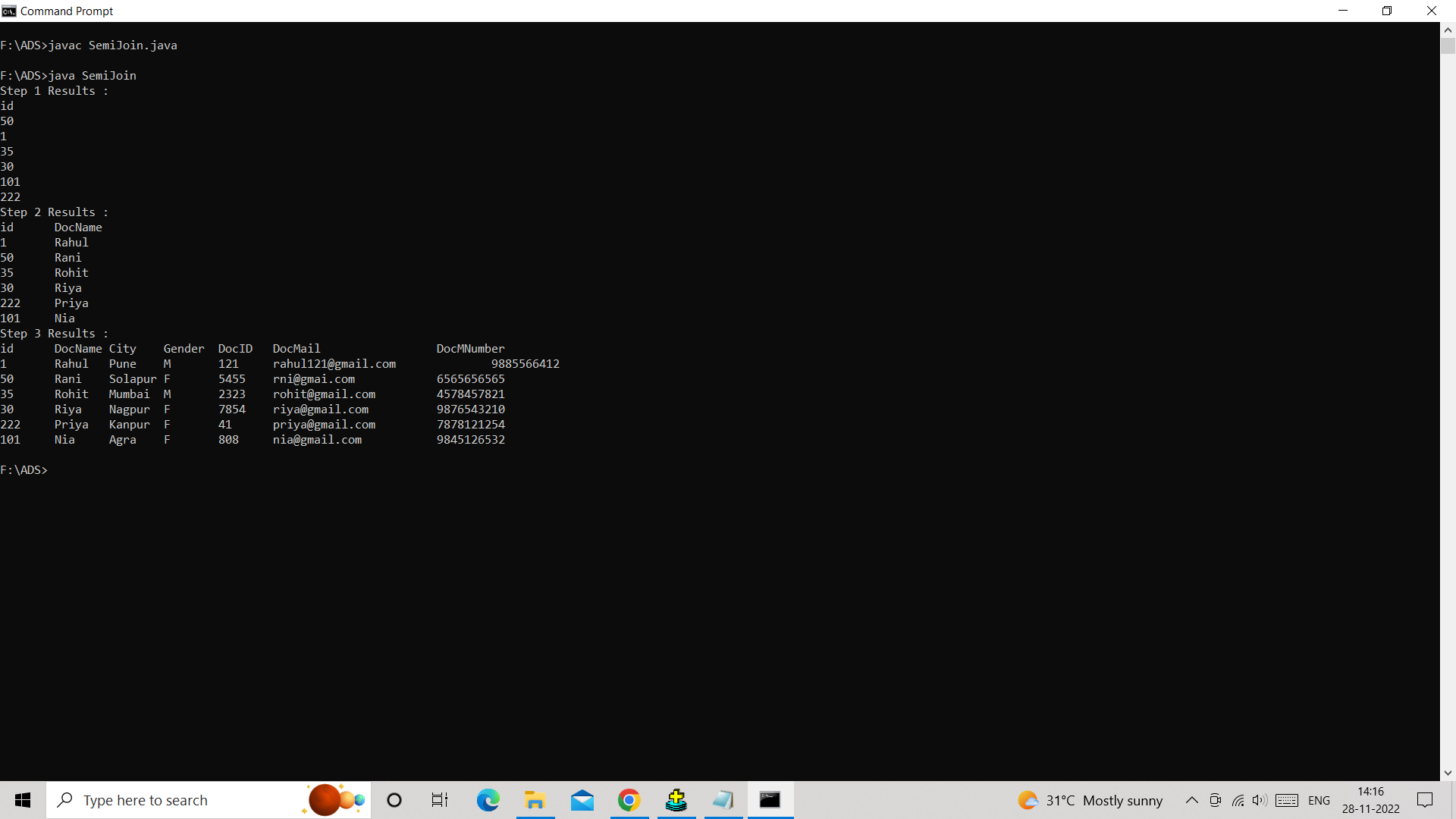
}

catch(Exception e){ System.out.println(e);}

}

}

***Output:***

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