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import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.LinkedList;
import javax.swing.JOptionPane;

/**
 *
 * @author Lakshmi Priya
 */
public class Client extends Person implements Comparable<Client>
{
    private String osno, cno;
    private String fname;
    private long iano, ccno;
    private String usec;
    private String addr;
    private String paddr;

    public Client(){}

    public Client(String osno, String fname, long iano, String usec,
String addr, String paddr)
    {
        this.osno=osno;
        this.fname=fname;
        this.iano=iano;
        this.usec=usec;
        this.addr=addr;
        this.paddr=paddr;
    }

    public Client(String cno, String fname, String usec, long ccno,
String addr, String paddr)
    {
        this.cno=cno;
        this.fname=fname;
        this.ccno=ccno;
        this.usec=usec;
        this.addr=addr;
        this.paddr=paddr;
    }

    Client(String osno, String name, String fname, long iano, String
usec, String mno, String email, String addr, String paddr) {
        super(name,mno,email);
        this.osno=osno;
        this.fname=fname;
        this.iano=iano;
        this.usec=usec;
        this.addr=addr;
        this.paddr=paddr;
    }

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}

void setOsno(String osno){
    this.osno=osno;
}

void setCno(String cno){
    this.cno=cno;
}

void setFname(String fname){
    this.fname=fname;
}

void setIano(Long iano){
    this.iano=iano;
}

void setCcno(Long ccno){
    this.ccno=ccno;
}

void setUsec(String usec){
    this.usec=usec;
}

void setAddr(String addr){
    this.addr=addr;
}

void setPaddr(String paddr){
    this.paddr=paddr;
}

String getOsno(){
    return osno;
}

String getCno(){
    return cno;
}

String getFname(){
    return fname;
}

Long getIano(){
    return iano;
}

Long getCcno(){
    return ccno;
}

String getUsec(){
    return usec;
}
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    }

    String getAddr(){
        return addr;
    }

    String getPaddr(){
        return paddr;
    }

    public void addCriminalClientDetail(){
        try{
            Class.forName("java.sql.DriverManager");
            Connection
con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:
3306/JustJustice","root","admin123");
            Statement s=(Statement)con.createStatement();

            String r="insert into cdet_cr
values('"+getCno()+"','"+getName()+"','"+getFname()+"','"+getCcno()+
','"+getUsec()+"','"+getMno()+"','"+getEmail()+"','"+getAddr()+"','
"+getPaddr()+"')";

            s.executeUpdate(r);
            JOptionPane.showMessageDialog(null,"Client detail added!");
        }
        catch(Exception e){
            JOptionPane.showMessageDialog(null,e.getMessage());
        }
    }

    public void addCivilClientDetail(){
        try
        {
            Class.forName("java.sql.DriverManager");
            Connection
con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:
3306/JustJustice","root","admin123");
            Statement s=(Statement)con.createStatement();

            String r="insert into cdet_ci
values('"+getOsno()+"','"+getName()+"','"+getFname()+"','"+getIano()+
','"+getUsec()+"','"+getMno()+"','"+getEmail()+"','"+getAddr()+"','
'+getPaddr()+"')";

            s.executeUpdate(r);
            JOptionPane.showMessageDialog(null,"Client detail
added!");
        }

        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null,e.getMessage());
        }
    }
}

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public void alterCivilClientDetail(){
    try
    {
        Class.forName("java.sql.DriverManager");
        Connection
con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:
3306/JustJustice","root","admin123");
        Statement s=(Statement)con.createStatement();

        String q="update cdet_ci set cname='"+getName()+"'
where osno='"+getOsno()+"'";
        String r="update cdet_ci set fname='"+getFname()+"'
where osno='"+getOsno()+"'";
        String b="update cdet_ci set iano='"+getIano()+"' where
osno='"+getOsno()+"'";
        String t="update cdet_ci set usec='"+getUsec()+"' where
osno='"+getOsno()+"'";
        String u="update cdet_ci set mno='"+getMno()+"' where
osno='"+getOsno()+"'";
        String v="update cdet_ci set email='"+getEmail()+"'
where osno='"+getOsno()+"'";
        String w="update cdet_ci set addr='"+getAddr()+"' where
osno='"+getOsno()+"'";
        String x="update cdet_ci set paddr='"+getPaddr()+"'
where osno='"+getOsno()+"'";
        s.executeUpdate(q);
        s.executeUpdate(r);
        s.executeUpdate(b);
        s.executeUpdate(t);
        s.executeUpdate(u);
        s.executeUpdate(v);
        s.executeUpdate(w);
        s.executeUpdate(x);

        JOptionPane.showMessageDialog(null,"Client detail
Updated!");
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e.getMessage());
    }
}

public void alterCriminalClientDetail(){
    try
    {
        Class.forName("java.sql.DriverManager");
        Connection
con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:
3306/JustJustice","root","admin123");
        Statement s=(Statement)con.createStatement();

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        String q="update cdet_cr set cname='"+getName()+"'
where cno='"+getCno()+"'";
        String r="update cdet_cr set fname='"+getFname()+"'
where cno='"+getCno()+"'";
        String b="update cdet_cr set ccno='"+getCcno()+"' where
cno='"+getCno()+"'";
        String t="update cdet_cr set usec='"+getUsec()+"' where
cno='"+getCno()+"'";
        String u="update cdet_cr set mno='"+getMno()+"' where
cno='"+getCno()+"'";
        String v="update cdet_cr set email='"+getEmail()+"'
where cno='"+getCno()+"'";
        String w="update cdet_cr set addr='"+getAddr()+"' where
cno='"+getCno()+"'";
        String x="update cdet_cr set paddr='"+getPaddr()+"'
where cno='"+getCno()+"'";
        s.executeUpdate(q);
        s.executeUpdate(r);
        s.executeUpdate(b);
        s.executeUpdate(t);
        s.executeUpdate(u);
        s.executeUpdate(v);
        s.executeUpdate(w);
        s.executeUpdate(x);

        JOptionPane.showMessageDialog(null,"Client detail
Updated!");

    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e.getMessage());
    }
}

public static LinkedList<Client> retrieveCivilClientDetail(){
    LinkedList<Client> rec=new LinkedList<Client>();

    try
    {
        Class.forName("java.sql.DriverManager");
        com.mysql.jdbc.Connection
con=(com.mysql.jdbc.Connection)DriverManager.getConnection("jdbc:mys
ql://localhost:3306/JustJustice","root","admin123");
        com.mysql.jdbc.Statement
s=(com.mysql.jdbc.Statement)con.createStatement();

        String q="select * from cdet_ci";

        ResultSet rs=s.executeQuery(q);
        while(rs.next())
        {
            rec.add(new
Client(rs.getString("osno"),rs.getString("cname"),rs.getString("fnam
e"),Long.parseLong(rs.getString("iano")),rs.getString("usec"),rs.get

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String("mno"),rs.getString("email"),rs.getString("addr"),rs.getStrin
g("paddr")));
    }

    rs.close();
    con.close();
    s.close();

    JOptionPane.showMessageDialog(null,"Client detail
retrieved!");
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e.getMessage());
    }
    return rec;
}

public int compareTo(Client client){
    return (getName().compareTo(client.getName()));
}

}

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