Using Database

ADMIN

```
package Healthcaredatabase;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Scanner;

public class Admin extends DBConections {

    // static Connection con;
    // con  = DBConections.getConnection();
    static Scanner sc = new Scanner(System.in);
    static boolean val = true;
    static boolean v = true;

    public static void login_Adminpass() throws SQLException,
ClassNotFoundException {

        // boolean v = true;
        System.out.println("-----------------------------------------E-
HealthCare-Management-System-----------------------------------------");
        System.out.println("                                                Welcome
Admin Login");
        // Scanner sc = new Scanner(System.in);
        System.out.println();
        System.out.println("Enter Your login details");
        System.out.println("Enter username ");
        String user = sc.next();
        System.out.println("Enter password");
        int pass = sc.nextInt();
        con = DBConections.getConnection();


        // PreparedStatement ps = con.prepareStatement("insert into login1
value(?,?)");
        // ps.setString(1, user);
        // ps.setInt(2, pass);
        // ps.executeUpdate();
        System.out.println("Verifying user name ");
        // System.out.println("Please enter your username");
```

```
        // String user1 = sc.next();
        // con.prepareStatement("select*from login1");
        System.out.println("-------------------------------welcome to E-
Healthcare management system-------------------------------");

        PreparedStatement ps1 = con.prepareStatement("select*from login1 ");
        ResultSet rs = ps1.executeQuery();
        while (rs.next()) {
            String user2 = rs.getString(1);
            int pa=rs.getInt(2);
            if (user.equals(user2) && pass==pa) {
                // login_Admin();
                try{
                    while (v) {

                        System.out.println("Do you want to Continue : (Y/N)");
                        char valueOfUser = sc.next().charAt(0);
                        if (valueOfUser == 'y' || valueOfUser == 'Y') {
                            login_Admin();

                        } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                            v = false;
                        }
                    }
                } catch (Exception e) {
                    System.out.println(e);
                }
                // break;
            } else {
                System.out.println("Please enter correct name /password");
                break;
            }

        }


    }

    //  Admin  login page
    static void login_Admin() throws SQLException {
        System.out.println("1-add doctor ");
        System.out.println("2-view doctor  list ");
        System.out.println("3-view Patients list ");
        System.out.println("4-remove doctor ");
        System.out.println("5-view report ");
        System.out.println("6-logout");
        // } else {
        // System.out.println("please enter correct user name /password");
        // }
        int choice = sc.nextInt();
```

```
        // 1 add doctor
        if (choice == 1) {
            add_doctors();
        } //view doctor list
        else if (choice == 2) {
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery("select*from doctor");
            while (rs.next()) {

                System.out.println(rs.getInt(1) + "    ||   " + rs.getString(2) +
"   ||   " + rs.getString(3) + "   ||   " + rs.getString(4) + "   ||   " +
rs.getString(5) + "   ||   " + rs.getLong(6) + "   ||   " + rs.getInt(7) +
"  ||   " + rs.getInt(8));
            }

        } // 3 view patient list
        else if (choice == 3) {
            System.out.println("view patients list ");
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery("select*from patients");
            while (rs.next()) {
                System.out.println(rs.getInt(1) + "   ||   " + rs.getString(2) +
"   ||   " + rs.getInt(3) + "   ||   " + rs.getString(4) + "   ||   " +
rs.getLong(5) + "   ||   " + rs.getString(6) + "   ||   " + rs.getString(7));

            }
        } else if (choice == 4) {
            System.out.println("remove doctor ");
            removedr();
        } else if (choice == 5) {
            System.out.println("view report ");

            view_report();
        } else if (choice == 6) {
            logout();

            System.out.println("logout successfully ");




        }
        else {
            System.out.println("please choose correct option");
```

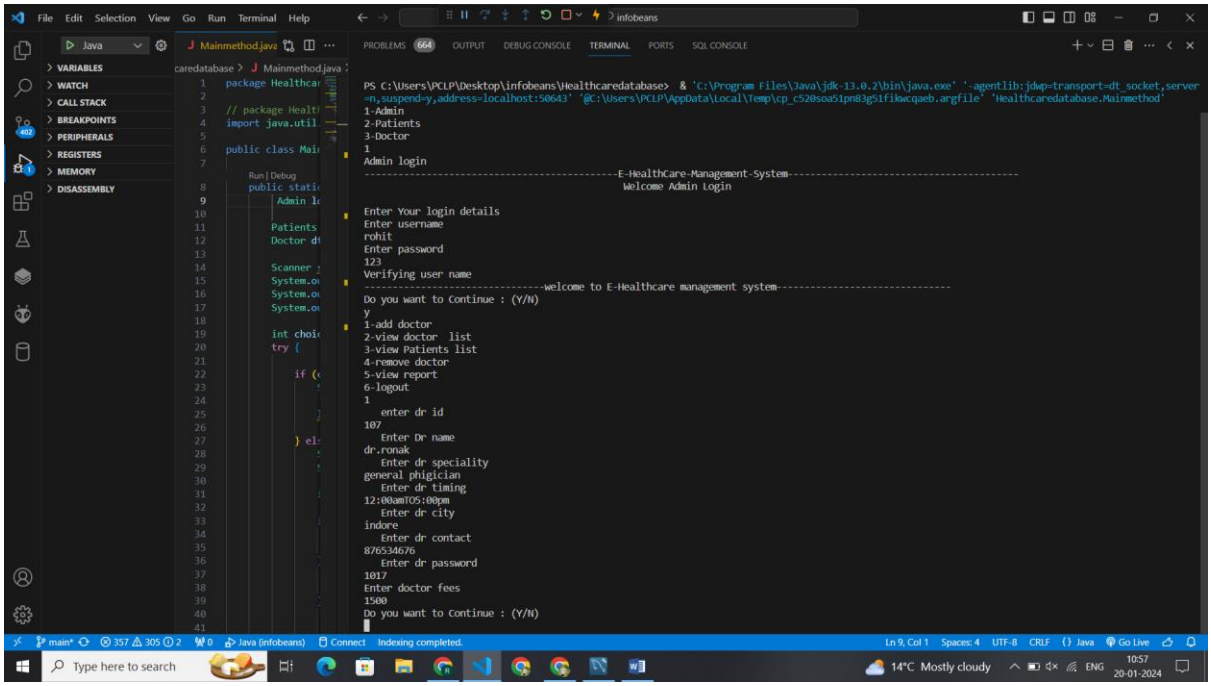
```
        try {
            while (v) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_Admin();

                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    v = false;
                    break;
                }
            }
        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

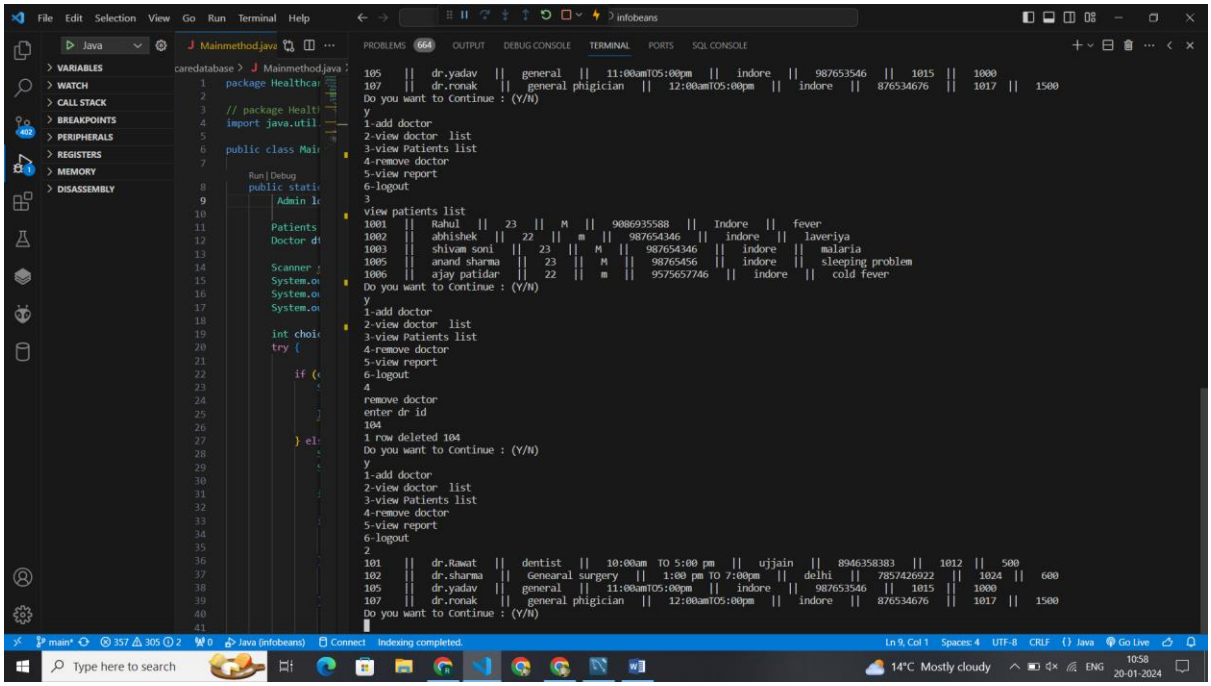
```
    //login page end
    // 1 doctors add
    static void add_doctors() throws SQLException {

        PreparedStatement ps2 = con.prepareStatement("insert into Doctor
values(?,?,?,?,?,?,?,?)");
        System.out.println("   enter dr id");
        int id = sc.nextInt();
        ps2.setInt(1, id);
        sc.nextLine();

        System.out.println("   Enter Dr name");

        String name = sc.nextLine();
        ps2.setString(2, name);

        System.out.println("   Enter dr speciality");
        String special = sc.nextLine();
        ps2.setString(3, special);
```

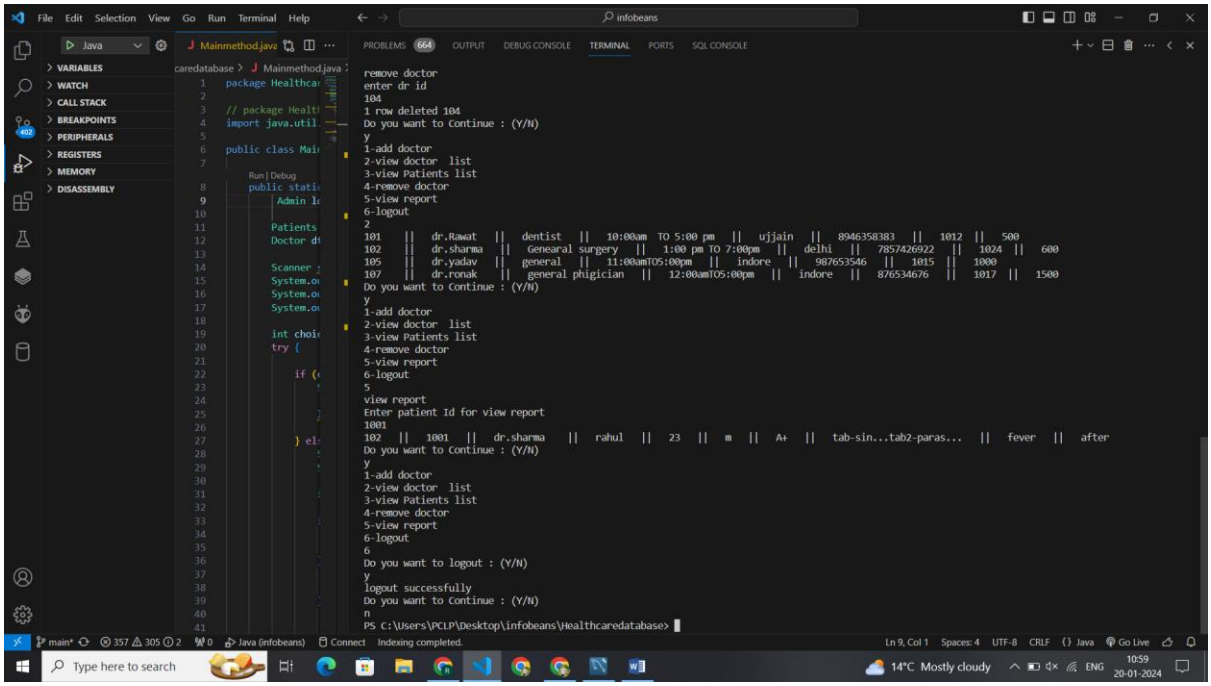
```
        System.out.println("   Enter dr timing");
        String timng = sc.nextLine();
        ps2.setString(4, timng);

        System.out.println("   Enter dr city");
        String city = sc.nextLine();
        ps2.setString(5, city);

        System.out.println("   Enter dr contact");
        Long contact = sc.nextLong();
        ps2.setLong(6, contact);

        System.out.println("   Enter dr password");
        int password = sc.nextInt();
        ps2.setInt(7, password);
        System.out.println("Enter doctor fees");
        int fee = sc.nextInt();
        ps2.setInt(8, fee);

        ps2.executeUpdate();

    }









    //   4 remove doctors
    static void removedr() throws SQLException {

        PreparedStatement ps3 = con.prepareStatement("delete  from Doctor where
dr_id = ?");
        System.out.println("enter dr id");
        int id = sc.nextInt();
        ps3.setInt(1, id);
        ps3.executeUpdate();
        System.out.println("1 row deleted " + id);

    }
```

```
    //5 view report
    static void view_report() throws SQLException {
        System.out.println("Enter patient Id for view report");
        int reports = sc.nextInt();

        PreparedStatement ps = con.prepareStatement("select * from report");
        ResultSet rs = ps.executeQuery();

        while (rs.next()) {
            int pa_id = rs.getInt(2);
            if (reports == pa_id) {

                System.out.println(rs.getInt(1) + "   ||   " + rs.getInt(2) +
"   ||   " + rs.getString(3) + "    ||   " + rs.getString(4) + "   ||   " +
rs.getInt(5) + "   ||   " + rs.getString(6) + "   ||   " + rs.getString(7) +
"   ||   " + rs.getString(8) + "   ||   " + rs.getString(9) + "   ||   " +
rs.getString(10));
                break;
            }
            else{
                System.out.println("Entered wrong id  ");
                break;
            }
        }

    }









    //6 logout
    static void logout() {
        while (val) {
            System.out.println("Do you want to logout : (Y/N)");
            char log_out = sc.next().charAt(0);
            if (log_out == 'y' || log_out == 'Y') {
                break;
            } else {

            }
        }
    }
```

```
    // public static void main(String[] args) throws SQLException,
ClassNotFoundException {
    //     Admin log = new Admin();
    //     log.login_Adminpass();
    // }
}
```




105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1015 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1017 || 1500
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
3
view patients list
1001 || Rahul || 23 || M || 9086935588 || Indore || fever
1002 || abhishek || 22 || m || 987654346 || indore || laveriya
1003 || shivam soni || 23 || M || 987654346 || indore || malaria
1005 || anand sharma || 23 || M || 98765456 || indore || sleeping problem
1006 || ajay patidar || 22 || m || 9575657746 || indore || cold fever
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
4
remove doctor
enter dr id
104
1 row deleted 104
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
2
101 || dr.Rawat || dentist || 10:00am TO 5:00 pm || ujjain || 8946358383 || 1012 || 500
102 || dr.sharma || Genearal surgery || 1:00 pm TO 7:00pm || delhi || 7857426922 || 1024 || 600
105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1015 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1017 || 1500
Do you want to Continue : (Y/N)


remove doctor
enter dr id
104
1 row deleted 104
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
2
101 || dr.Rawat || dentist || 10:00am TO 5:00 pm || ujjain || 8946358383 || 1012 || 500
102 || dr.sharma || Genearal surgery || 1:00 pm TO 7:00pm || delhi || 7857426922 || 1024 || 600
105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1015 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1017 || 1500
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
5
view report
Enter patient Id for view report
1001
102 || 1001 || dr.sharma || rahul || 23 || m || A+ || tab-sin...tab2-paras... || fever || after
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
6
Do you want to logout : (Y/N)
y
logout successfully
Do you want to Continue : (Y/N)
n
PS C:\Users\PCLP\Desktop\infobeans\Healthcaredatabase>

PATIENT

```java
package Healthcaredatabase;

import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
// E-HealthCare-Management-System is a console based application which is built
using java.
// This application helps in management of Patients, doctors, admin in a easy and
comfortable way.
// using this Application patients can quickly Sign up, Login, view his/her
profile, view doctors, book Appointment,
// view Report, choose doctor, view Appointments, give feedback, pay online and
logout. Admin can add Doctors,
// view patients list, view Doctors list,remove doctors, see feedback given by
patients,view reports,logout.
// Doctor can login, view profile, viewAppointments, Attend Patients and logout.
import java.util.ArrayList;
import java.util.Scanner;

public class Patients extends DBConections {

    // boolean val;
    static Scanner sc = new Scanner(System.in);
    static boolean va  = true;
    static boolean vl = true;
    boolean s = true;
   static int patient_curr_id=0;

    static int patient_chooseid;

    // public static void main(String[] args) throws ClassNotFoundException,
SQLException {
    //     // login_patients();
    //     // login_patientpass();
    //     signup_patient();
    // }




    //signup page
    void signup_patient() throws ClassNotFoundException, SQLException {
```

```
        System.out.println("-------------------------------------------------E-
HealthCare-Management-System ------------------------------------------------------
-");
        System.out.println("                                                    W
elcome patient SignUp");
        // Scanner sc = new Scanner(System.in);
        System.out.println("Enter Your SignUp details");
        con = DBConections.getConnection();
        PreparedStatement ps5 = con.prepareStatement("insert into patients values
(?,?,?,?,?,?,?)");

        System.out.println("Enter id for patients sign up");
        int user = sc.nextInt();
        ps5.setInt(1, user);

        System.out.println("Enter patients name");
        sc.nextLine();

        String name = sc.nextLine();
        ps5.setString(2, name);

        System.out.println("Enter patients age");
        int age = sc.nextInt();
        ps5.setInt(3, age);

        System.out.println("Enter patient gender");
        sc.nextLine();
        String gender = sc.nextLine();
        ps5.setString(4, gender);

        System.out.println("Enter patient contact");
        long contact = sc.nextLong();
        ps5.setLong(5, contact);

        System.out.println("Enter patient address");
        sc.nextLine();

        String address = sc.nextLine();
        ps5.setString(6, address);

        // System.out.println("Enter patient appointment date ");
        // sc.nextLine();

        // String appointment = sc.next();
        // ps5.setString(7, appointment);

        System.out.println("Enter patient dieseases ");
        // sc.nextLine();

        String dieseases = sc.nextLine();
        ps5.setString(7, dieseases);
        ps5.executeUpdate();
        System.out.println("sign up successfully ");
        try {
```

```
            while (s) {
                System.out.println("Do you want to login  : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_patientpass();

                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    s = false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);
        }
    }









    static void login_patientpass() throws ClassNotFoundException, SQLException {

        boolean v = true;
        System.out.println("-----------------------------------------------------
E-HealthCare-Management-System-----------------------------------------------");
        System.out.println("
  Welcome patient Login");
        // Scanner sc = new Scanner(System.in);
        System.out.println("Enter Your login details");
        System.out.println("Enter id for patients login");
        int user1 = sc.nextInt();

        con = DBConections.getConnection();
        // PreparedStatement ps = con.prepareStatement("select  patient_id
from  patients (?)");
        // ps.setInt(1, user1);
        // ps.executeUpdate();
        System.out.println("Verifying user name ");
        // System.out.println("Please enter your username");

        // String user1 = sc.next();
        // con.prepareStatement("select*from patients");
        PreparedStatement ps1 = con.prepareStatement("select*from patients");
        ResultSet rs = ps1.executeQuery();
        while (rs.next()) {
            int user2 = rs.getInt(1);
            if (user1 == user2) {
```

```
                System.out.println("------------------------------------------
welcome to E-Healthcare management system-----------------------------------
-------");
                // break;
            } else {
                System.out.println("Please enter correct username");
                break;
            }

        }
        try {
            while (v) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {

                    login_patients(user1);

                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    v = false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);
        }
    }







//login page
     static void login_patients(int user1) throws SQLException,
ClassNotFoundException {
        patient_curr_id=user1;
        // if (username == user_name && password == login_password) {
        System.out.println("1-view  profile ");
        System.out.println("2-view doctor  list ");
        System.out.println("3-Book appointmnet ");
        System.out.println("4-view report");
        System.out.println("5-view Appointment");
        System.out.println("6-payment");
        System.out.println("7-logout ");

        // } else {
        //     System.out.println("please enter correct user name /password");
        // }
        int choice = sc.nextInt();

        // 1 view profile done
        if (choice == 1) {
            // System.out.println("view Profile ");
```

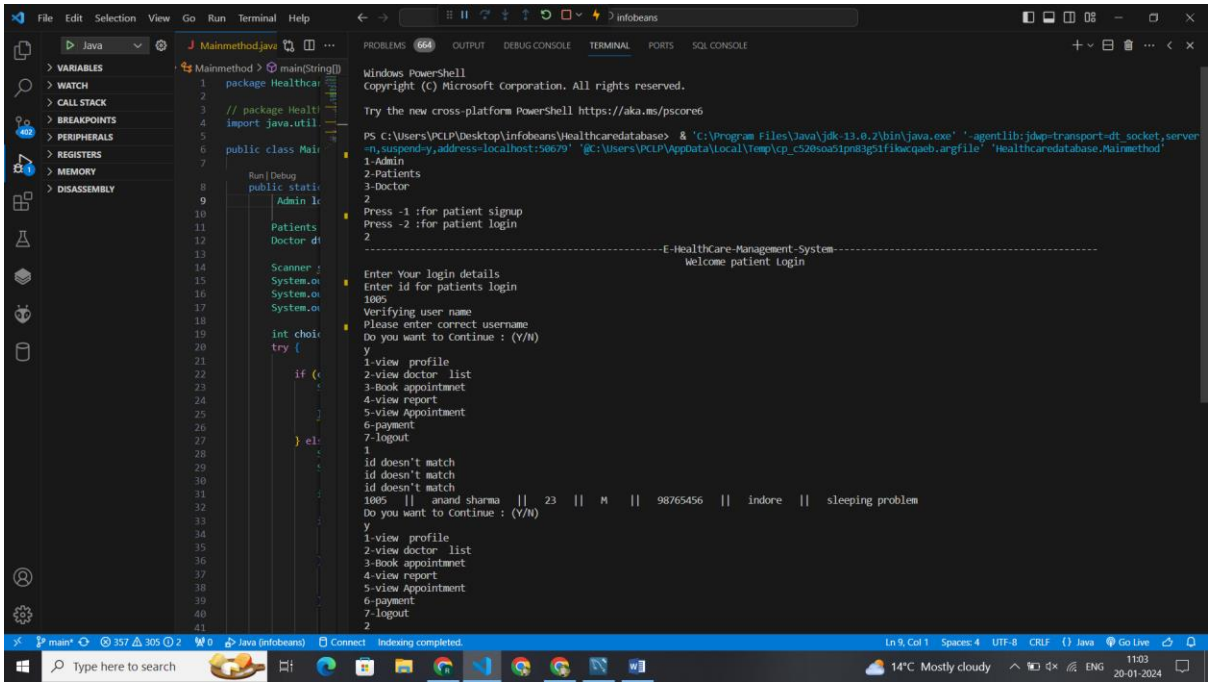
```
            // System.out.println("Enter profile id");
            // int pas_id = sc.nextInt();

            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery("select*from patients");

            while (rs.next()) {
                int iid = rs.getInt(1);
                if (patient_curr_id == iid && patient_curr_id==rs.getInt(1)) {
                    System.out.println(rs.getInt(1) + "   ||   " + rs.getString(2)
+ "   ||   " + rs.getInt(3) + "   ||   " + rs.getString(4) + "    ||   " +
rs.getLong(5) + "   ||   " + rs.getString(6) + "   ||   " + rs.getString(7) );
                    break;

                }
               else{
                System.out.println("id doesn't match");
               }
            }

        } // 2 view doctor list done
        else if (choice == 2) {
            System.out.println("view doctor list ");
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery("select*from doctor");
            while (rs.next()) {
                System.out.println(rs.getInt(1) + "   ||   " + rs.getString(2) +
"   ||   " + rs.getString(3) + "   ||   " + rs.getString(4) + "   ||   " +
rs.getString(5) + "   ||   " + rs.getLong(6) + "   ||   " + rs.getInt(8));
            }
            //3 appointmnet book
        } else if (choice == 3) {
            System.out.println("appontmnet book");

            choose_dr();
            //view report
        } else if (choice == 4) {
            System.out.println("view report ");

            view_report();
            //view appointmnet
        } else if (choice == 5) {
            System.out.println("view appointment ");
            view_Appointment();

        } else if (choice == 6) {
            System.out.println("payment");
            payment();
        } else if (choice == 7) {
            logoutPatient();

        } else {
            System.out.println("please choose correct option");
```

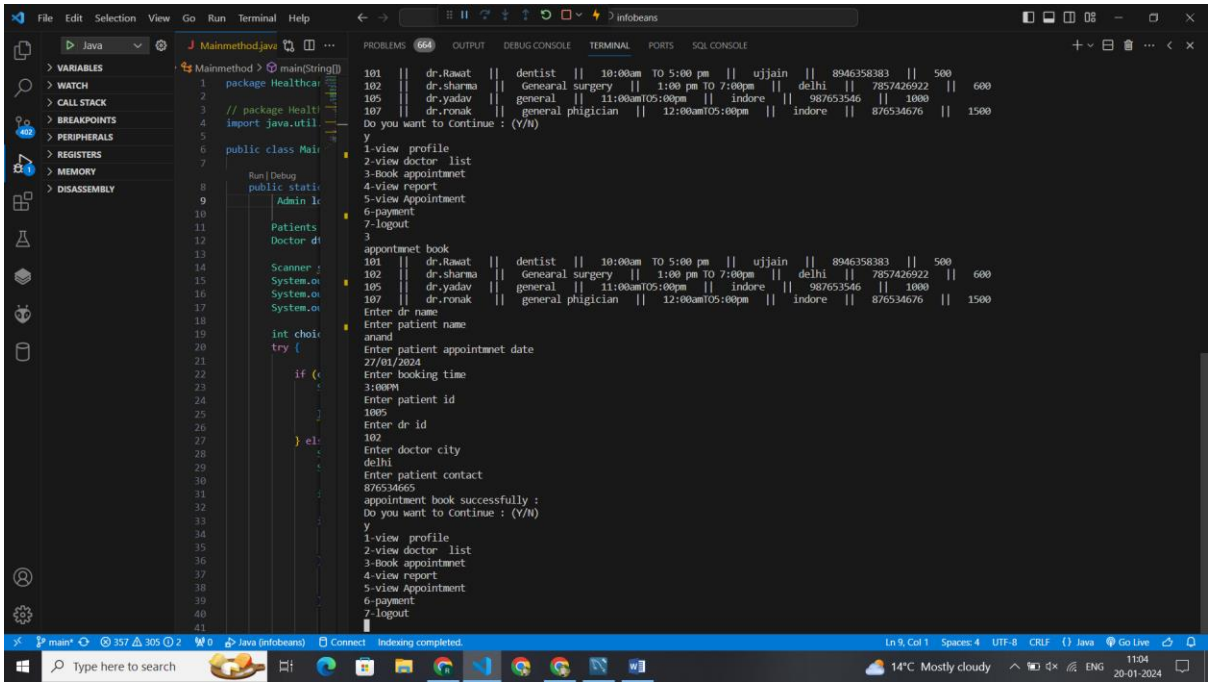
```
        try {
            while (vl) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_patients(user1);

                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    vl = false;
                    break;
                }
            }
        } catch (Exception e) {
            System.out.println(e);
        }
    }
    }









    //3  appointmnet book
    static void choose_dr() throws SQLException {
        // Statement st = con.createStatement();
        PreparedStatement st = con.prepareStatement("select * from Doctor");
        ResultSet rs = st.executeQuery();
        while (rs.next()) {
            System.out.println(rs.getInt(1) + "   ||   " + rs.getString(2) +
"   ||   " + rs.getString(3) + "   ||   " + rs.getString(4) + "   ||   " +
rs.getString(5) + "   ||   " + rs.getLong(6) + "   ||   " + rs.getInt(8));

        }

        PreparedStatement ps = con.prepareStatement("INSERT INTO appointment
VALUES (?,?,?,?,?,?,?,?)");
        System.out.println("Enter dr name ");

        String name = sc.nextLine();
        ps.setString(6, name);

        System.out.println("Enter patient name");

        String p_name = sc.nextLine();
        ps.setString(2, p_name);

        System.out.println("Enter patient appointmnet date");
        String appoin_date = sc.nextLine();
        ps.setString(4, appoin_date);
```

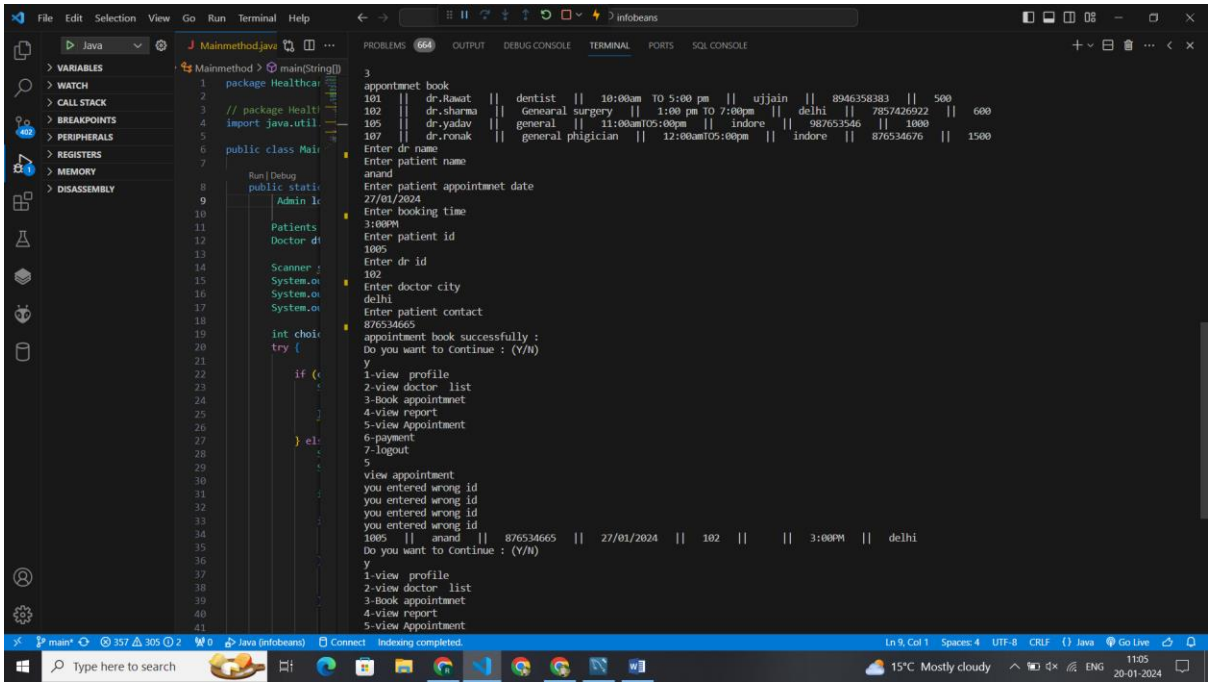
```
        System.out.println("Enter booking time ");
        // sc.nextLine();

        String time = sc.nextLine();
        ps.setString(7, time);

        System.out.println("Enter patient id");
        int p_id = sc.nextInt();
        ps.setInt(1, p_id);

        System.out.println("Enter dr id");
        int pa_name = sc.nextInt();
        ps.setInt(5, pa_name);

        System.out.println("Enter doctor city");
        sc.nextLine();
        String city = sc.nextLine();
        ps.setString(8, city);

        System.out.println("Enter patient contact");
        long con = sc.nextLong();
        ps.setLong(3, con);

        ps.executeUpdate();

        System.out.println("appointment book successfully :");

    }




    //4 -view report

    static void view_report() throws SQLException {
        // System.out.println("Enter patient Id for view report");
        // int report = sc.nextInt();

        PreparedStatement ps = con.prepareStatement("select * from report");
        ResultSet rs = ps.executeQuery();

        while (rs.next()) {

            int paid = rs.getInt(2);
            if (patient_curr_id==paid) {

                System.out.println(rs.getInt(1) + "   ||   " + rs.getInt(2) +
"   ||   " + rs.getString(3) + "   ||   " + rs.getString(4) + "   ||   " +
rs.getInt(5) + "   ||   " + rs.getString(6) + "   ||   " + rs.getString(7) +
"   ||   " + rs.getString(8) + "   ||   " + rs.getString(9) + "   ||   " +
rs.getString(10));
```

```
                break;
            }
            else{
                System.out.println("please enter right id");
            }
        }

    }









    // 5 -view appointment

    static void view_Appointment() throws SQLException {
        // System.out.println("enter patient_id for check appointment");
        // int idd = sc.nextInt();

        PreparedStatement rs1 = con.prepareStatement("select * from appointment
");
        ResultSet rs7 = rs1.executeQuery();

        while (rs7.next()) {
            int user3 = rs7.getInt(1);
            if (patient_curr_id == user3 && patient_curr_id==rs7.getInt(1)) {

                System.out.println(rs7.getInt(1) + "   ||   " + rs7.getString(2) +
"   ||   " + rs7.getLong(3) + "   ||   " + rs7.getString(4) + "   ||   " +
rs7.getInt(5) + "   ||   " + rs7.getString(6) + "   ||   " + rs7.getString(7) +
"   ||   " + rs7.getString(8));
                break;

            }
            else{
                System.out.println("you entered wrong id");
            }
        }
    }









//paymnet method
    static void payment() throws SQLException {
        PreparedStatement ps =con.prepareStatement("insert into payment
values(?,?,?)");
        // ResultSet rs7 = ps.executeQuery();
```

```
        System.out.println("enter doctor id");
        int i =sc.nextInt();
        ps.setInt(2, i);

        System.out.println("Enter patient id");
        int  patient_curr=sc.nextInt();
        ps.setInt(1, patient_curr);

        System.out.println("Enter doctor fees");
        int fees =sc.nextInt();
        ps.setInt(3, fees);
        ps.executeUpdate();



        // while (rs7.next()) {
        //     int dri=rs7.getInt(2);
        //     int pai=rs7.getInt(2);
        //     if(patient_curr_id==rs7.getInt(1)&&(dri==i)){
        //         System.out.println(rs7.getInt(1)+" "+rs7.getInt(2)+"
"+rs7.getInt(3));
        //     }

        // }



    }

    static void logoutPatient() throws ClassNotFoundException, SQLException {
        while (va) {
            System.out.println("Do you want to logout : (Y/N)");
            char log_out = sc.next().charAt(0);
            if (log_out == 'y' || log_out == 'Y') {
                break;

            } else {
                login_patientpass();
            }
        }

    }

}
```


Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\PCLP\Desktop\infobeans\Healthcaredatabase> & 'C:\Program Files\Java\jdk-13.0.2\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:50679' '@C:\Users\PCLP\AppData\Local\Temp\cp_c520soa51pn83g51f1kwcqaeb.argfile' 'Healthcaredatabase.Mainmethod'
1-Admin
2-Patients
3-Doctor
2
Press -1 :for patient signup
Press -2 :for patient login
2
----------E-HealthCare-Management-System----------
Welcome patient Login
Enter Your login details
Enter id for patients login
1005
Verifying user name
Please enter correct username
Do you want to Continue : (Y/N)
y
1-view profile
2-view doctor list
3-Book appointmnet
4-view report
5-view Appointment
6-payment
7-logout
1
id doesn't match
id doesn't match
id doesn't match
1005 || anand sharma || 23 || M || 98765456 || indore || sleeping problem
Do you want to Continue : (Y/N)
y
1-view profile
2-view doctor list
3-Book appointmnet
4-view report
5-view Appointment
6-payment
7-logout
2


101 || dr.Rawat || dentist || 10:00am TO 5:00 pm || ujjain || 8946358383 || 500
102 || dr.sharma || Genearal surgery || 1:00 pm TO 7:00pm || delhi || 7857426922 || 600
105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1500
Do you want to Continue : (Y/N)
y
1-view profile
2-view doctor list
3-Book appointmnet
4-view report
5-view Appointment
6-payment
7-logout
3
appontmnet book
101 || dr.Rawat || dentist || 10:00am TO 5:00 pm || ujjain || 8946358383 || 500
102 || dr.sharma || Genearal surgery || 1:00 pm TO 7:00pm || delhi || 7857426922 || 600
105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1500
Enter dr name
Enter patient name
anand
Enter patient appointmnet date
27/01/2024
Enter booking time
3:00PM
Enter patient id
1005
Enter dr id
102
Enter doctor city
delhi
Enter patient contact
876534665
appointment book successfully :
Do you want to Continue : (Y/N)
y
1-view profile
2-view doctor list
3-Book appointmnet
4-view report
5-view Appointment
6-payment
7-logout



DOCTOR

```java
package Healthcaredatabase;

// Doctor can login, view profile, viewAppointments, Attend Patients and logout.
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.Scanner;

public class Doctor extends DBConections {

    static Scanner sc = new Scanner(System.in);
    static boolean va  = true;
    static boolean s = true;
    // static int user_curr =0;
```

```
    public static void login_doctorpass() throws SQLException,
ClassNotFoundException {

        boolean v = true;
        System.out.println("-----------------------------------------------------
E-HealthCare-Management-System-----------------------------------------------------
--");
        System.out.println("
    Welcome Doctor Login");
        // Scanner sc = new Scanner(System.in);
        System.out.println("Enter  doctor details");
        System.out.println("Enter doctor id ");
        int user1 = sc.nextInt();

        con = DBConections.getConnection();

        // PreparedStatement ps = con.prepareStatement("insert into login1
value(?,?)");
        // ps.setString(1, user);
        // ps.setInt(2, pass);
        // ps.executeUpdate();
        System.out.println("Verifying user name ");
        // System.out.println("Please enter id");

        // int user1 = sc.nextInt();
        System.out.println("enter password");
        int pass_dr = sc.nextInt();
        // con.prepareStatement("select*from login1");
        PreparedStatement ps1 = con.prepareStatement("select*from Doctor ");
        ResultSet rs = ps1.executeQuery();
        while (rs.next()) {
            int user2 = rs.getInt(1);
            int use3 = rs.getInt(7);
            if (user1 == user2 && pass_dr == use3) {
                System.out.println("welcome to E-Healthcare management syatem");
                // login_doctor();

                // break;
            } else {
                System.out.println("Please enter correct username & password");
                break;
            }
        }

        try {
            while (v) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_doctor();
                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    v = false;
                }
            }
```

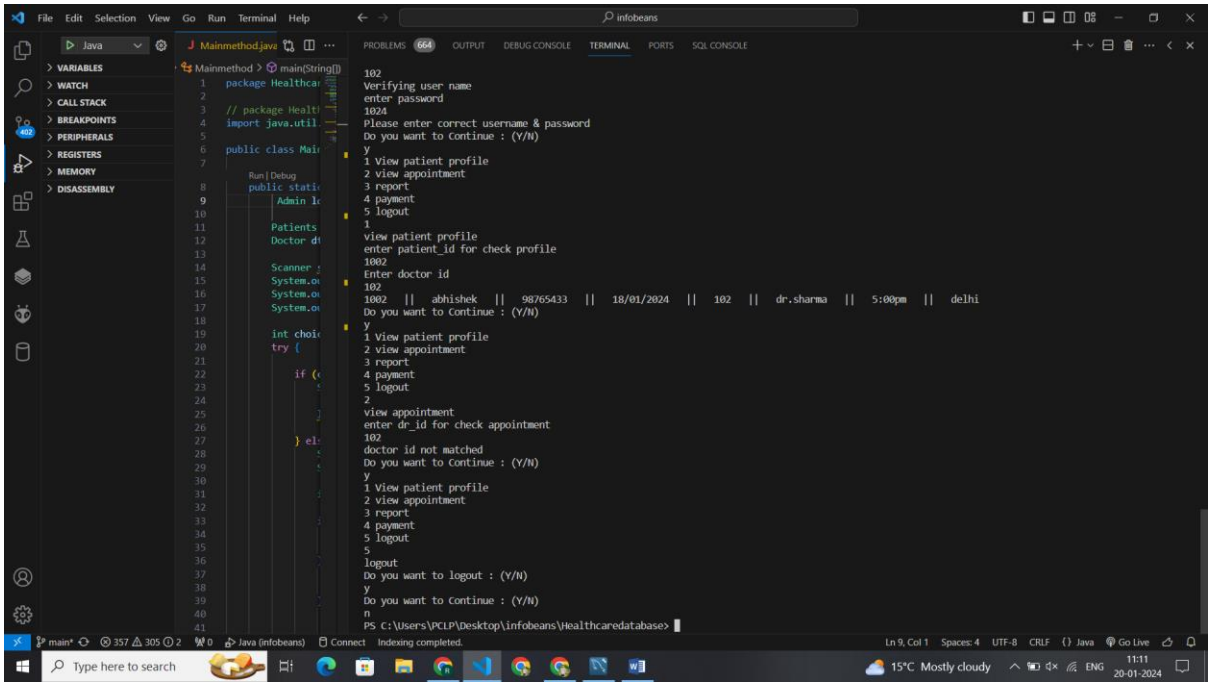
```
        } catch (Exception e) {
            System.out.println(e);
        }
    }









    static void login_doctor() throws SQLException, ClassNotFoundException {
        // user_curr=user1;
        System.out.println("1 View patient profile");
        System.out.println("2 view appointment");
        System.out.println("3 report");

        System.out.println("4 payment ");

        System.out.println("5 logout");

        int choice = sc.nextInt();

        if (choice == 1) {
            System.out.println("view patient profile");
            patient_profile();
        } else if (choice == 2) {
            System.out.println("view appointment");
            view_Appointments();
        } else if (choice == 3) {
            System.out.println("report");
            report();

        }else if(choice==4){
            System.out.println("payment ");
            paymentview();

        }

        else if (choice == 5) {
            System.out.println("logout");
            logoutDoctor();
        } else {
            System.out.println("please valid enter ");
            try {
                while (s) {
                    System.out.println("Do you want to login  : (Y/N)");
                    char valueOfUser = sc.next().charAt(0);
                    if (valueOfUser == 'y' || valueOfUser == 'Y') {
                        login_doctor();

                    } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                        s = false;
```

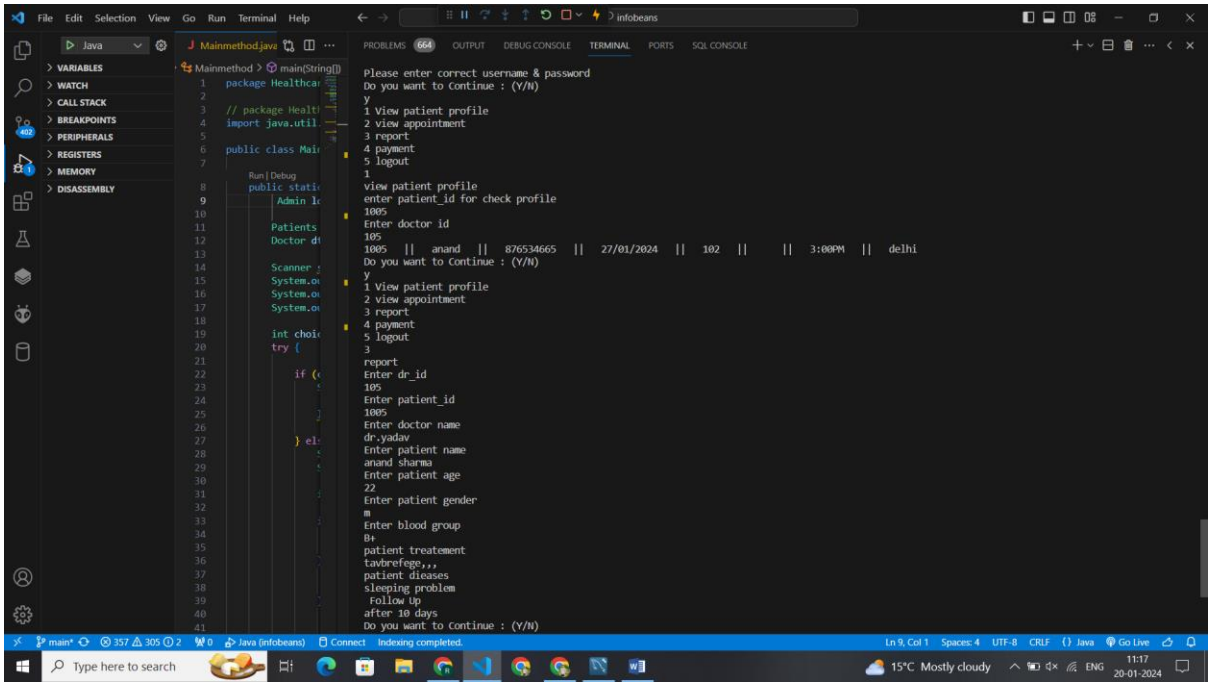
```
                        break;
                    }
                }
            } catch (Exception e) {
                System.out.println(e);
            }
        }
    }









    static void patient_profile() throws SQLException {
        System.out.println("enter patient_id for check profile");
        int idd = sc.nextInt();

        System.out.println("Enter doctor id ");
        int dr_iid = sc.nextInt();

        PreparedStatement rs1 = con.prepareStatement("select * from appointment
");
        ResultSet rs7 = rs1.executeQuery();
        while (rs7.next()) {
            int user3 = rs7.getInt(1);
            int dr = rs7.getInt(5);
            if (idd == user3 || dr_iid == dr) {


                System.out.println(rs7.getInt(1) + "   ||   " + rs7.getString(2) +
"   ||   " + rs7.getLong(3) + "   ||   " + rs7.getString(4) + "   ||   " +
rs7.getInt(5) + "   ||   " + rs7.getString(6) + "   ||   " + rs7.getString(7) +
"   ||   " + rs7.getString(8));
                break;

            // } else {
            //     System.out.println("patient id not matched");
            //     break;
            }


    }
    }









    static void view_Appointments() throws SQLException {
        System.out.println("enter dr_id for check appointment  ");
```

```
        int idd = sc.nextInt();

        PreparedStatement rs1 = con.prepareStatement("select * from appointment
");
        ResultSet rs7 = rs1.executeQuery();

        while (rs7.next()) {
            int user3 = rs7.getInt(5);
            if (idd == user3) {

                System.out.println(rs7.getInt(1) + "   ||   " + rs7.getString(2) +
"   ||   " + rs7.getLong(3) + "   ||   " + rs7.getString(4) + "   ||   " +
rs7.getInt(5) + "   ||   " + rs7.getString(6) + "   ||   " + rs7.getString(7) +
"   ||   " + rs7.getString(8));
                break;

            } else {
                System.out.println("doctor id not matched");
                break;
            }
        }

    }




    static void report() throws SQLException {
        PreparedStatement ps = con.prepareStatement("insert into report
values(?,?,?,?,?,?,?,?,?,?)");
        System.out.println("Enter dr_id");
        int id = sc.nextInt();
        ps.setInt(1, id);

        System.out.println("Enter patient_id");
        int patient_id = sc.nextInt();
        ps.setInt(2, patient_id);

        System.out.println("Enter doctor name");
        sc.nextLine();

        String d_name = sc.nextLine();
        ps.setString(3, d_name);

        System.out.println("Enter patient name");
        // sc.nextLine();

        String p_name = sc.nextLine();
        ps.setString(4, p_name);

        System.out.println("Enter patient age");
```

```
        int p_age = sc.nextInt();
        ps.setInt(5, p_age);

        System.out.println("Enter patient gender");
        sc.nextLine();

        String gender = sc.nextLine();
        ps.setString(6, gender);

        System.out.println("Enter blood group");
        // sc.nextLine();

        String blood = sc.nextLine();
        ps.setString(7, blood);

        System.out.println("patient treatement");
        // sc.nextLine();

        String treat = sc.nextLine();
        ps.setString(8, treat);

        System.out.println("patient dieases");
        // sc.nextLine();

        String diagnosis = sc.nextLine();
        ps.setString(9, diagnosis);

        System.out.println(" Follow Up");
        // sc.nextLine();

        String follow = sc.nextLine();
        ps.setString(10, follow);

        ps.executeUpdate();

    }




    //payment

    static void paymentview() throws SQLException{

        System.out.println("enter doctor id");
        int i =sc.nextInt();
        // ps.setInt(2, i);

        System.out.println("Enter patient id");
        int  patient_curr_id=sc.nextInt();
        // ps.setInt(1, patient_curr_id);
```

```
        PreparedStatement ps =con.prepareStatement("select * from payment");
        ResultSet rs7 = ps.executeQuery();


        // System.out.println("Enter doctor fees");
        // int fees =sc.nextInt();
        // ps.setInt(3, fees);

        while (rs7.next()) {
            int dri=rs7.getInt(2);
            int pai=rs7.getInt(1);
            if(patient_curr_id==rs7.getInt(1)&&(dri==i )&&(dri==pai)){
                System.out.println(rs7.getInt(1)+" "+rs7.getInt(2)+"
"+rs7.getInt(3));
                break;
            }

            else{
                System.out.println("Entered wrong id ");
                break;
            }

        }

    }









    static void logoutDoctor() throws ClassNotFoundException, SQLException {
        while (va) {
            System.out.println("Do you want to logout : (Y/N)");
            char log_out = sc.next().charAt(0);
            if (log_out == 'y' || log_out == 'Y') {
                break;

            } else {
                // login_doctorpass();
            }
        }

    }

}
```


File Edit Selection View Go Run Terminal Help
infobeans
Java
Mainmethod.java
Mainmethod > main(String[])
VARIABLES
WATCH
CALL STACK
BREAKPOINTS
PERIPHERALS
REGISTERS
MEMORY
DISASSEMBLY
PROBLEMS 664
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SQL CONSOLE
102
Verifying user name
enter password
1024
Please enter correct username & password
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
1
view patient profile
enter patient_id for check profile
1002
Enter doctor id
102
1002 || abhishek || 98765433 || 18/01/2024 || 102 || dr.sharma || 5:00pm || delhi
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
2
view appointment
enter dr_id for check appointment
102
doctor id not matched
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
5
logout
Do you want to logout : (Y/N)
y
Do you want to Continue : (Y/N)
n
PS C:\Users\PCLP\Desktop\infobeans\Healthcaredatabase>
Ln 9, Col 1
Spaces: 4
UTF-8
CRLF
Java
Go Live
Type here to search
15°C Mostly cloudy
ENG
11:11
20-01-2024


File Edit Selection View Go Run Terminal Help
infobeans
Java
Mainmethod.java
Mainmethod > main(String[])
VARIABLES
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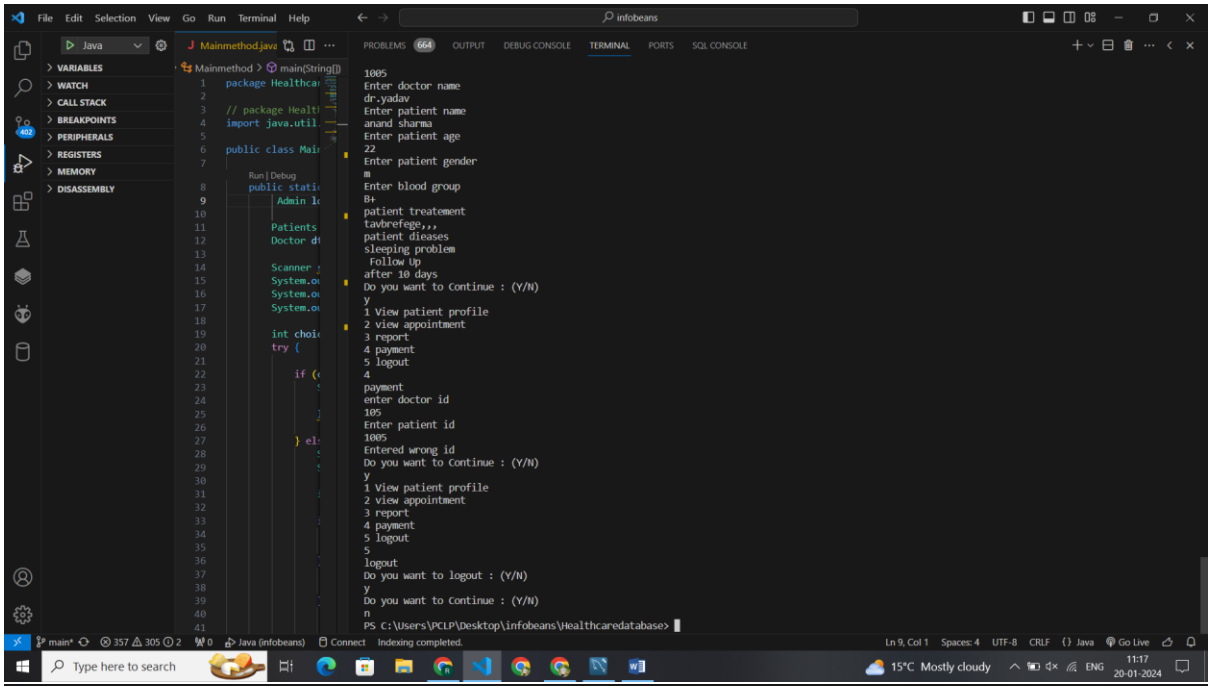
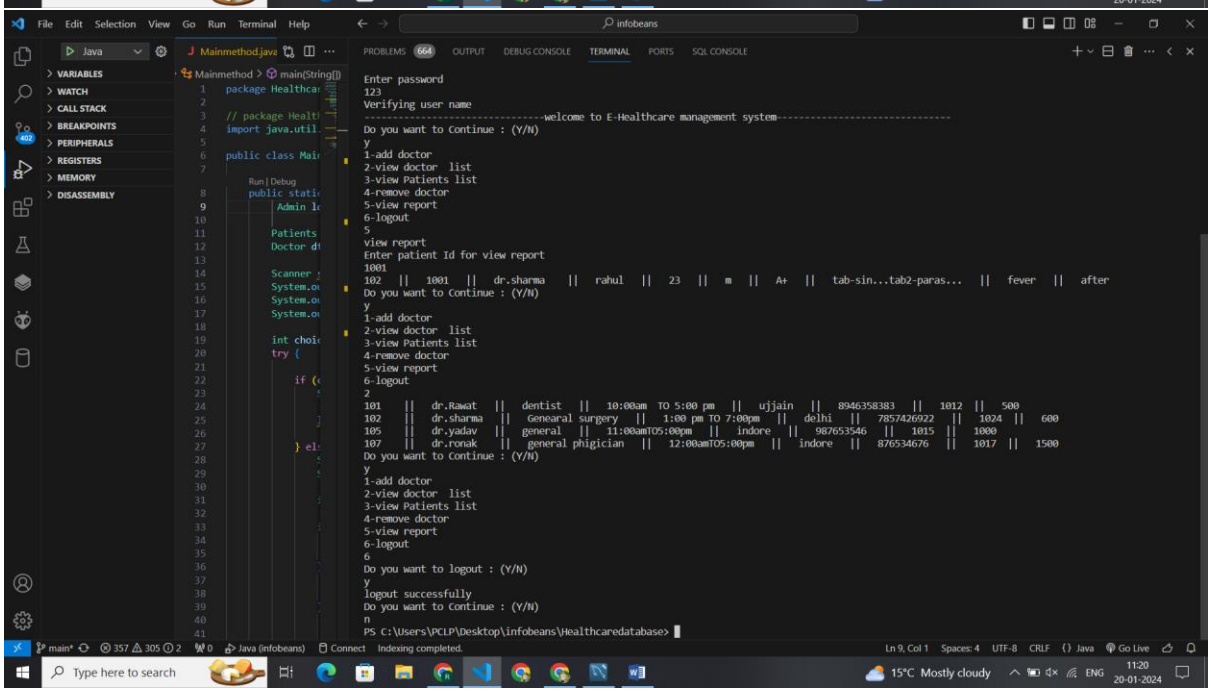
CALL STACK
BREAKPOINTS
PERIPHERALS
REGISTERS
MEMORY
DISASSEMBLY
PROBLEMS 664
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SQL CONSOLE
Please enter correct username & password
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
1
view patient profile
enter patient_id for check profile
1005
Enter doctor id
105
1005 || anand || 876534665 || 27/01/2024 || 102 || || 3:00PM || delhi
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
3
report
Enter dr_id
105
Enter patient_id
1005
Enter doctor name
dr.yadav
Enter patient name
anand sharma
Enter patient age
22
Enter patient gender
m
Enter blood group
B+
patient treatement
tavbrefege,,,
patient dieases
sleeping problem
Follow Up
after 10 days
Do you want to Continue : (Y/N)
Ln 9, Col 1
Spaces: 4
UTF-8
CRLF
Java
Go Live
Type here to search
15°C Mostly cloudy
ENG
11:17
20-01-2024


1005
Enter doctor name
dr.yadav
Enter patient name
anand sharma
Enter patient age
22
Enter patient gender
m
Enter blood group
B+
patient treatement
tavbrefege,,,
patient dieases
sleeping problem
Follow Up
after 10 days
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
4
payment
enter doctor id
105
Enter patient id
1005
Entered wrong id
Do you want to Continue : (Y/N)
y
1 View patient profile
2 view appointment
3 report
4 payment
5 logout
5
logout
Do you want to logout : (Y/N)
y
Do you want to Continue : (Y/N)
n
PS C:\Users\PCLP\Desktop\infobeans\Healthcaredatabase>


Enter password
123
Verifying user name
----------welcome to E-Healthcare management system----------
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
5
view report
Enter patient Id for view report
1001
102 || 1001 || dr.sharma || rahul || 23 || m || A+ || tab-sin...tab2-paras... || fever || after
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
2
101 || dr.Rawat || dentist || 10:00am TO 5:00 pm || ujjain || 8946358383 || 1012 || 500
102 || dr.sharma || Genearal surgery || 1:00 pm TO 7:00pm || delhi || 7857426922 || 1024 || 600
105 || dr.yadav || general || 11:00amTO5:00pm || indore || 987653546 || 1015 || 1000
107 || dr.ronak || general phigician || 12:00amTO5:00pm || indore || 876534676 || 1017 || 1500
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-view report
6-logout
6
Do you want to logout : (Y/N)
y
logout successfully
Do you want to Continue : (Y/N)
n
PS C:\Users\PCLP\Desktop\infobeans\Healthcaredatabase>

MAIN METHOD

```
package Healthcaredatabase;

// package Healthcare_project;
import java.util.Scanner;

public class Mainmethod {

    public static void main(String[] args) {
         Admin log = new Admin();

        Patients pt = new Patients();
        Doctor dt = new Doctor();

        Scanner sc = new Scanner(System.in);
        System.out.println("1-Admin ");
        System.out.println("2-Patients");
        System.out.println("3-Doctor");

        int choice = sc.nextInt();
        try {

            if (choice == 1) {
                System.out.println("Admin login ");

                log.login_Adminpass();

            } else if (choice == 2) {
                System.out.println("Press -1 :for patient signup ");
                System.out.println("Press -2 :for patient login ");

                int loginid = sc.nextInt();

                if (loginid == 1) {
                    pt.signup_patient();

                } else if (loginid == 2) {
                    pt.login_patientpass();

                } else {
                    System.out.println("not matched");

                }

            } else if (choice == 3) {
                dt.login_doctorpass();

            }
```

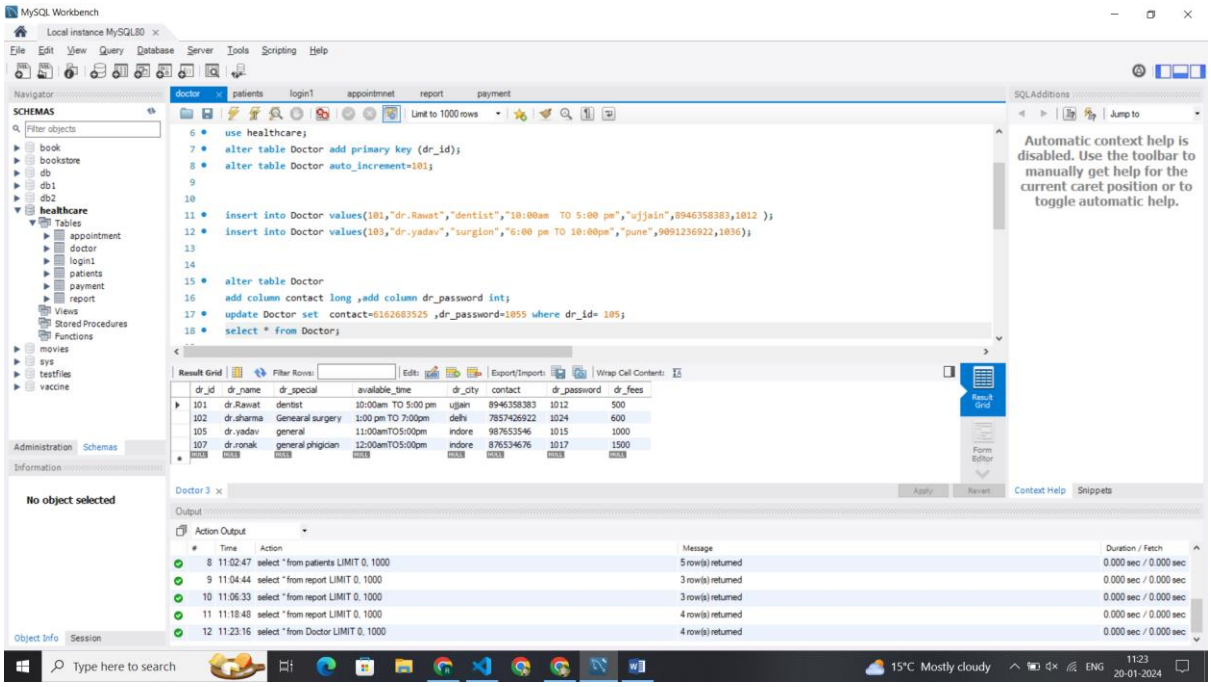
```
        } catch (Exception e) {
            System.out.println(e);
        } finally {
            // log.AdminEndProcess();
            // pt.patientEndProcess();

        }

    }
}
```

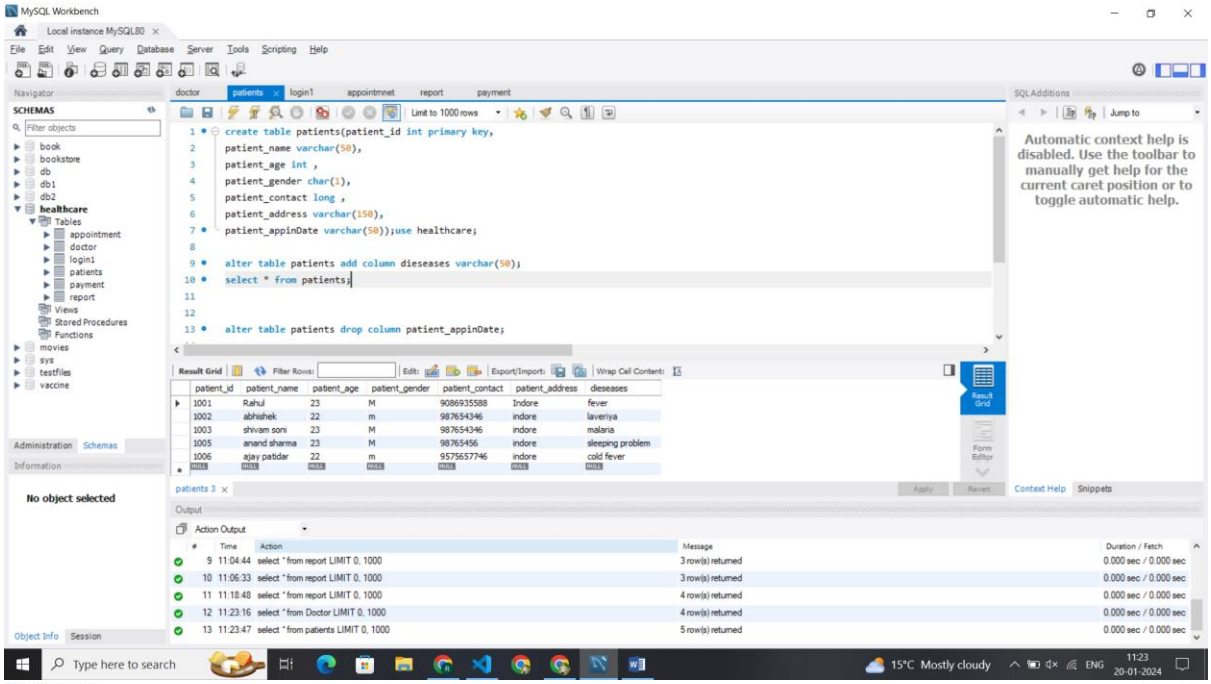
CONNECTION

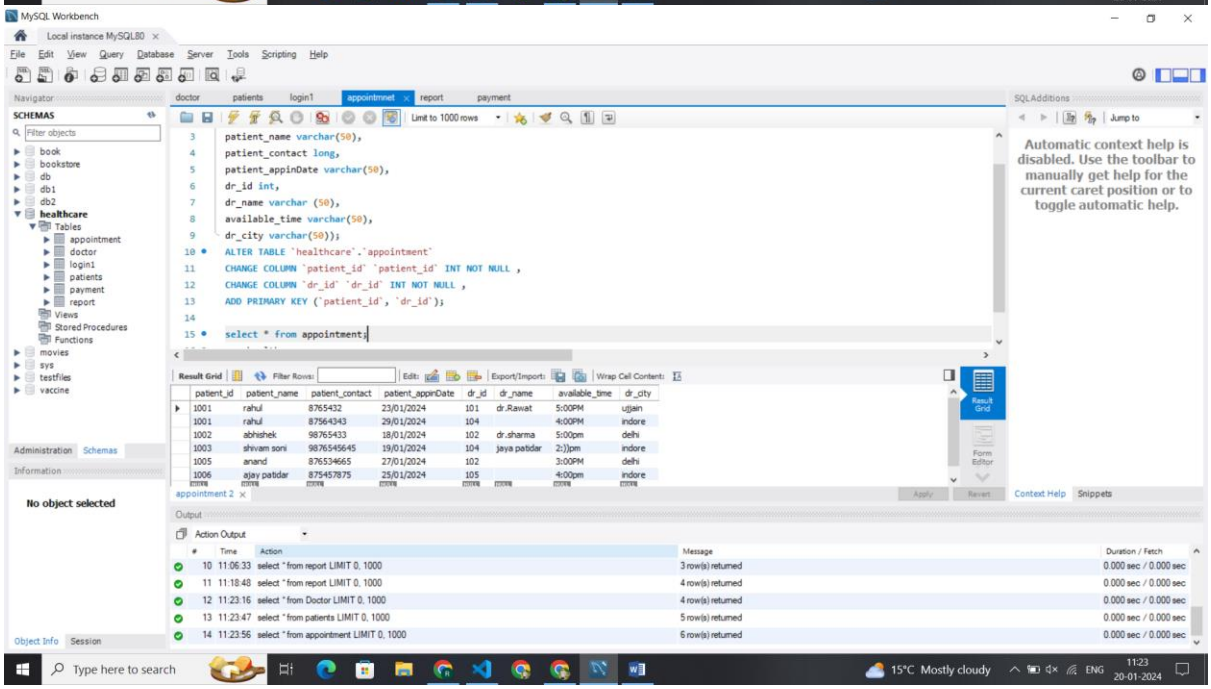
```
package Healthcaredatabase;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;

public class DBConections {

    static Connection con;

    // public static void main(String[] args) throws Exception {
    public static Connection getConnection() throws ClassNotFoundException,
SQLException {

        Class.forName("com.mysql.cj.jdbc.Driver");
        // System.out.println("Driver loaded successfully ");

        con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/healthcare", "root",
"root@123");

        // System.out.println("connection established");
        return con;

        // PreparedStatement ps = con.prepareStatement("insert into register
values('rohit ','rohit@gmail.com','1233','male','indore')");
        //      ps = con.prepareStatement("insert into register
values('ajay','ajay@gmail.com','123','male','maksi')");
        //     int i = ps.executeUpdate();
        //     if (i > 0) {
        //         System.out.println("success");
        //     } else {
        //         System.out.println("fail");
        //     }
        // return con;
        // }
```

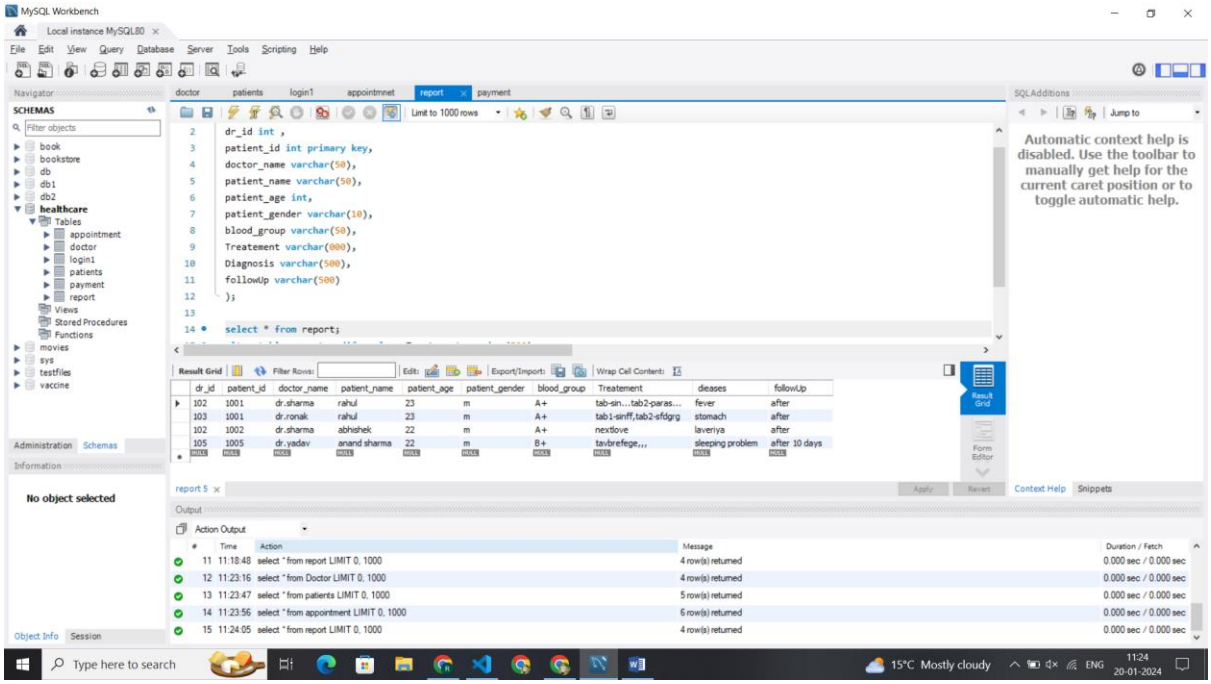
```
    }
}

// }
```

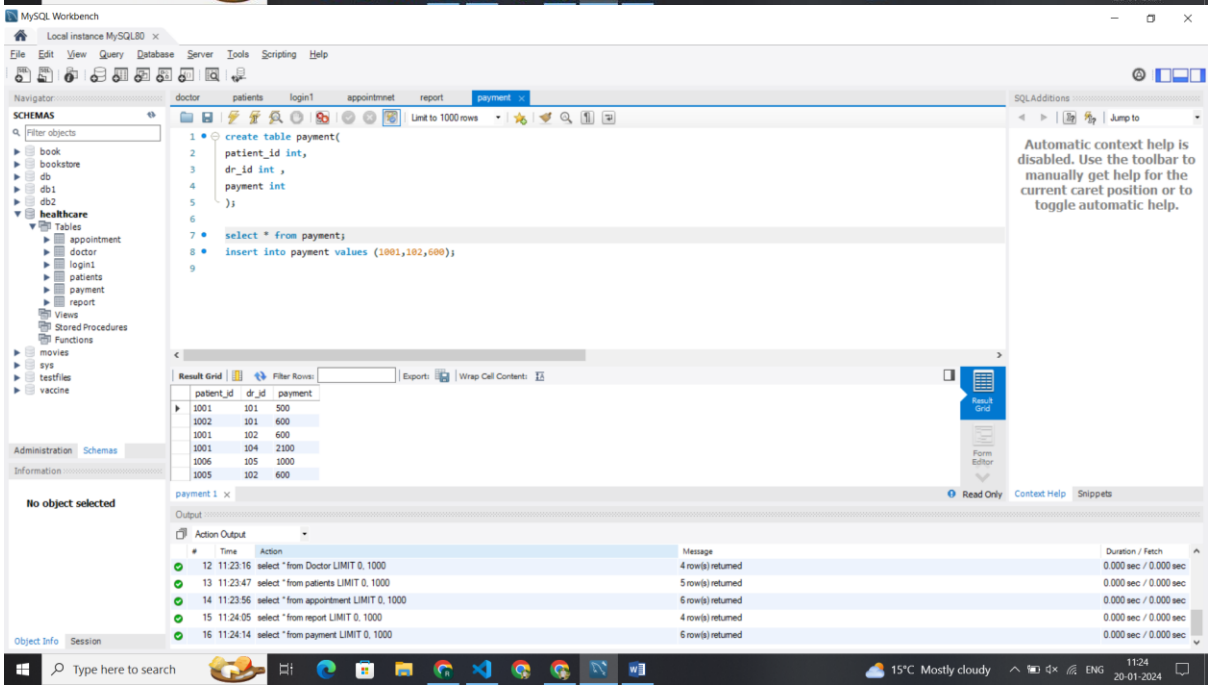
DATABASE RESULT




MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
book
bookstore
db
db1
db2
healthcare
Tables
appointment
doctor
login1
patients
payment
report
Views
Stored Procedures
Functions
movies
sys
testfiles
vaccine
Administration Schemas
Information
No object selected
Object Info Session
doctor patients login1 appointmnet report payment
Limit to 1000 rows
1 create table patients(patient_id int primary key,
2 patient_name varchar(50),
3 patient_age int ,
4 patient_gender char(1),
5 patient_contact long ,
6 patient_address varchar(150),
7 patient_appinDate varchar(50));use healthcare;
8
9 alter table patients add column dieseases varchar(50);
10 select * from patients;
11
12
13 alter table patients drop column patient_appinDate;
Result Grid
patient_id patient_name patient_age patient_gender patient_contact patient_address dieseases
1001 Rahul 23 M 9086935588 Indore fever
1002 abhishek 22 m 987654346 indore laveriya
1003 shivam soni 23 M 987654346 indore malaria
1005 anand sharma 23 M 98765456 indore sleeping problem
1006 ajay patidar 22 m 9575657746 indore cold fever
patients 3
Output
Action Output
Time Action Message Duration / Fetch
9 11:04:44 select * from report LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
10 11:06:33 select * from report LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
11 11:18:48 select * from report LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
12 11:23:16 select * from Doctor LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
13 11:23:47 select * from patients LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Type here to search
15°C Mostly cloudy
ENG
11:23
20-01-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
book
bookstore
db
db1
db2
healthcare
Tables
appointment
doctor
login1
patients
payment
report
Views
Stored Procedures
Functions
movies
sys
testfiles
vaccine
Administration Schemas
Information
No object selected
Object Info Session
doctor patients login1 appointmnet report payment
Limit to 1000 rows
3 patient_name varchar(50),
4 patient_contact long,
5 patient_appinDate varchar(50),
6 dr_id int,
7 dr_name varchar (50),
8 available_time varchar(50),
9 dr_city varchar(50));
10 ALTER TABLE `healthcare`.`appointment`
11 CHANGE COLUMN `patient_id` `patient_id` INT NOT NULL ,
12 CHANGE COLUMN `dr_id` `dr_id` INT NOT NULL ,
13 ADD PRIMARY KEY (`patient_id`, `dr_id`);
14
15 select * from appointment;
Result Grid
patient_id patient_name patient_contact patient_appinDate dr_id dr_name available_time dr_city
1001 rahul 8765432 23/01/2024 101 dr.Rawat 5:00PM ujjain
1001 rahul 87564343 29/01/2024 104 4:00PM indore
1002 abhishek 98765433 18/01/2024 102 dr.sharma 5:00pm delhi
1003 shivam soni 9876545645 19/01/2024 104 jaya patidar 2:)pm indore
1005 anand 876534665 27/01/2024 102 3:00PM delhi
1006 ajay patidar 875457875 25/01/2024 105 4:00pm indore
appointment 2
Output
Action Output
Time Action Message Duration / Fetch
10 11:06:33 select * from report LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
11 11:18:48 select * from report LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
12 11:23:16 select * from Doctor LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
13 11:23:47 select * from patients LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
14 11:23:56 select * from appointment LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Type here to search
15°C Mostly cloudy
ENG
11:23
20-01-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
book
bookstore
db
db1
db2
healthcare
Tables
appointment
doctor
login1
patients
payment
report
Views
Stored Procedures
Functions
movies
sys
testfiles
vaccine
Administration Schemas
Information
No object selected
Object Info Session
doctor patients login1 appointmnet report payment
Limit to 1000 rows
2 dr_id int ,
3 patient_id int primary key,
4 doctor_name varchar(50),
5 patient_name varchar(50),
6 patient_age int,
7 patient_gender varchar(10),
8 blood_group varchar(50),
9 Treatement varchar(000),
10 Diagnosis varchar(500),
11 followUp varchar(500)
12);
13
14 select * from report;
Result Grid
dr_id patient_id doctor_name patient_name patient_age patient_gender blood_group Treatement dieases followUp
102 1001 dr.sharma rahul 23 m A+ tab-sin...tab2-paras... fever after
103 1001 dr.ronak rahul 23 m A+ tab1-sinff,tab2-sfdgrg stomach after
102 1002 dr.sharma abhishek 22 m A+ nextlove laveriya after
105 1005 dr.yadav anand sharma 22 m B+ tavbrefege,,, sleeping problem after 10 days
report 5
Output
Action Output
Time Action Message Duration / Fetch
11 11:18:48 select * from report LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
12 11:23:16 select * from Doctor LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
13 11:23:47 select * from patients LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
14 11:23:56 select * from appointment LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
15 11:24:05 select * from report LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Type here to search
15°C Mostly cloudy
ENG
11:24
20-01-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
book
bookstore
db
db1
db2
healthcare
Tables
appointment
doctor
login1
patients
payment
report
Views
Stored Procedures
Functions
movies
sys
testfiles
vaccine
Administration Schemas
Information
No object selected
Object Info Session
doctor patients login1 appointmnet report payment
Limit to 1000 rows
1 create table payment(
2 patient_id int,
3 dr_id int ,
4 payment int
5);
6
7 select * from payment;
8 insert into payment values (1001,102,600);
9
Result Grid
patient_id dr_id payment
1001 101 500
1002 101 600
1001 102 600
1001 104 2100
1006 105 1000
1005 102 600
payment 1
Read Only
Output
Action Output
Time Action Message Duration / Fetch
12 11:23:16 select * from Doctor LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
13 11:23:47 select * from patients LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
14 11:23:56 select * from appointment LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
15 11:24:05 select * from report LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
16 11:24:14 select * from payment LIMIT 0, 1000 6 row(s) returned 0.000 sec / 0.000 sec
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Type here to search
15°C Mostly cloudy
ENG
11:24
20-01-2024

END

Using Arraylist

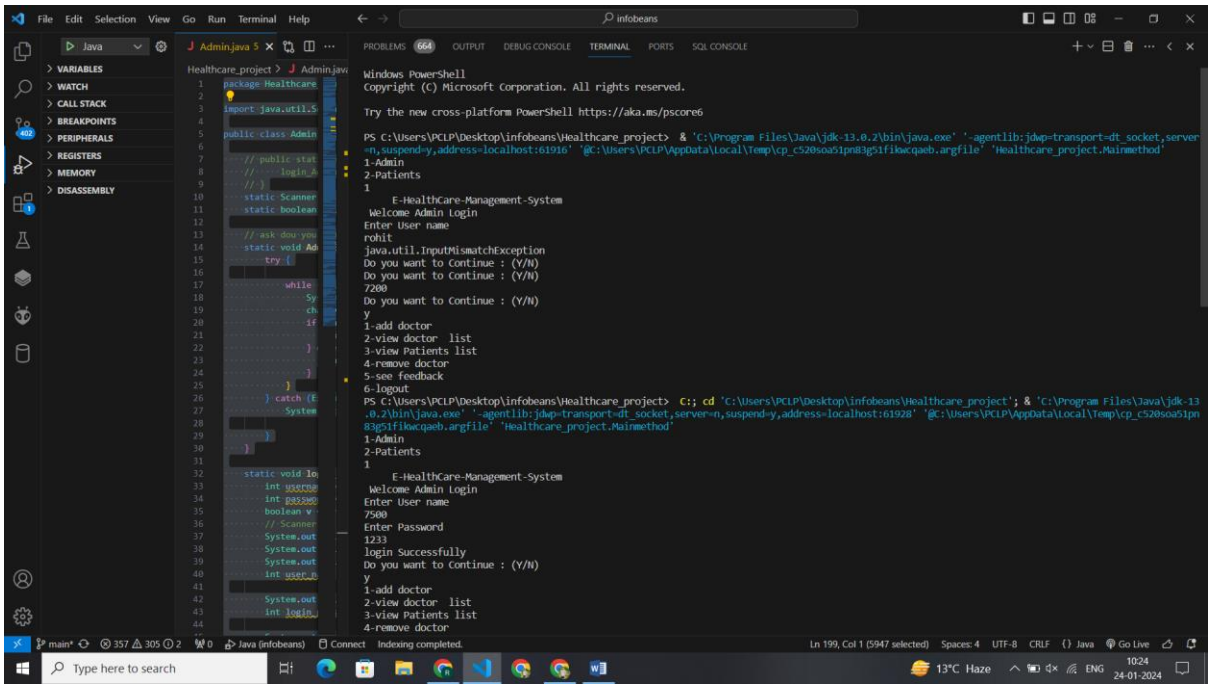
Admin

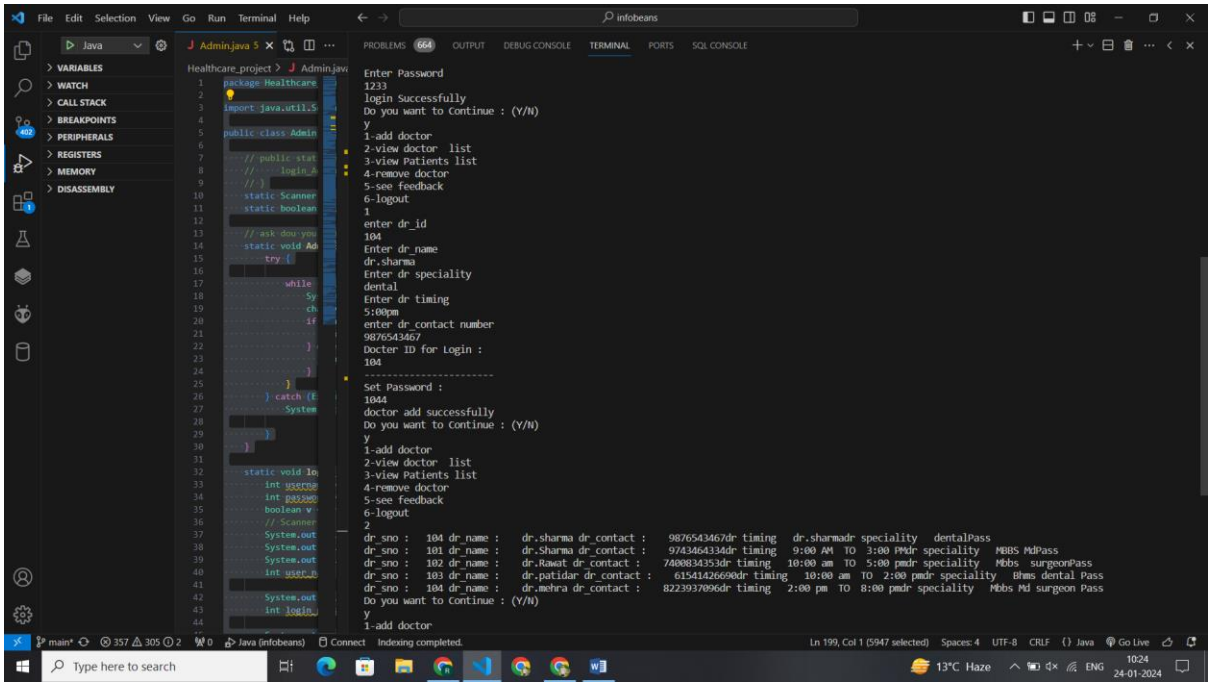
```
package Healthcare_project;

import java.util.Scanner;

public class Admin extends Allmethod {

    // public static void main(String[] args) {
    //     login_Admin();
    // }
    static Scanner sc = new Scanner(System.in);
    static boolean val = true;

    // ask dou you want continue or not
    static void AdminEndProcess() {
        try {

            while (val) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_Admin();
                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    val = false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);

        }
    }

    static void login_Adminpass() {
        int username = 7400;
        int password = 1233;
        boolean v = true;
        // Scanner sc = new Scanner(System.in);
        System.out.println("     E-HealthCare-Management-System     ");
        System.out.println(" Welcome Admin Login");
        System.out.println("Enter User name");
        int user_name = sc.nextInt();

        System.out.println("Enter Password");
        int login_password = sc.nextInt();

        System.out.println("login Successfully");
        try {
            while (v) {
                System.out.println("Do you want to Continue : (Y/N)");
```

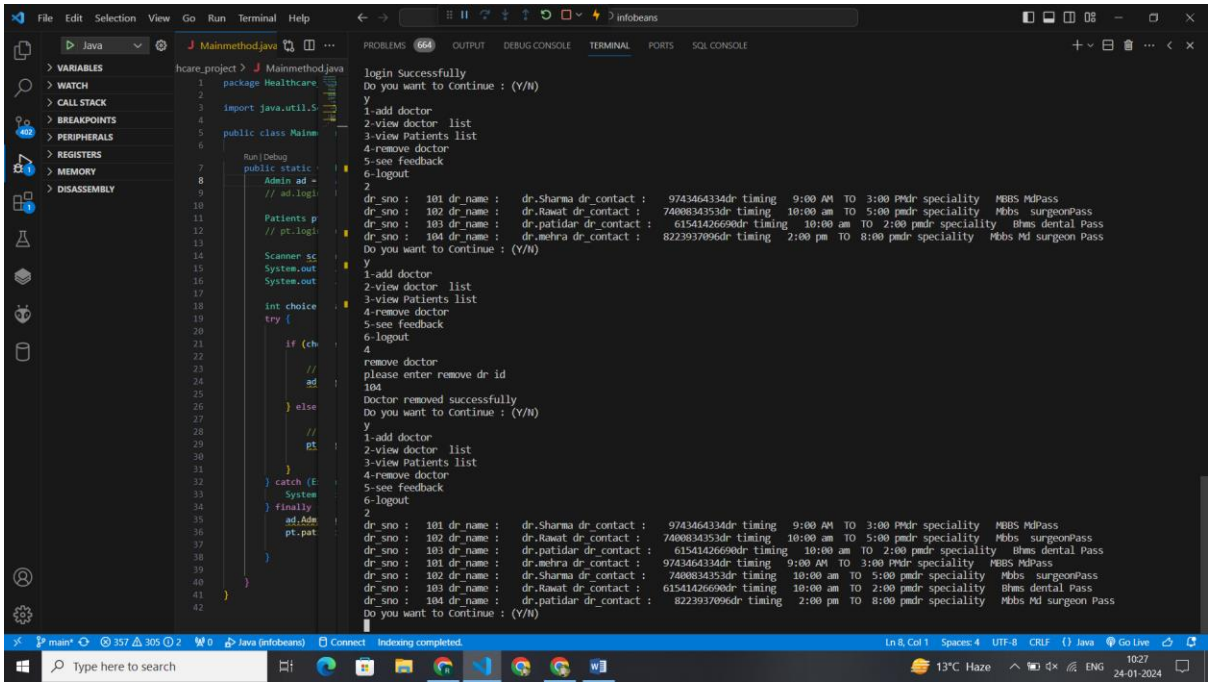
```
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_Admin();

                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    v= false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);

        }

    }
        //  Admin  login page

    static void login_Admin() {

        System.out.println("1-add doctor ");
        System.out.println("2-view doctor  list ");
        System.out.println("3-view Patients list ");
        System.out.println("4-remove doctor ");
        System.out.println("5-see feedback ");
        System.out.println("6-logout");

        // } else {
        // System.out.println("please enter correct user name /password");
        // }
        int choice = sc.nextInt();

        // 1 add doctor
        if (choice == 1) {
            add_doctors();
        } //view doctor list
        else if (choice == 2) {
            dr_dataset();
           view_dr_profile();
        } // 3 view patient list
        else if (choice == 3) {
            System.out.println("view patients list ");
            Patients_dataset();
            view_patientsprofile();
        } else if (choice == 4) {
            System.out.println("remove doctor ");
            removedr();
        } else if (choice == 5) {
            System.out.println("see   feedback ");
            Patients_dataset();
            for (int i = 0; i < patients_name.size(); i++) {
                System.out.println("patient feedback   " + patients_feedback.get(i));
            }
            System.out.println("");

        } else if (choice == 6) {
            logout();

            System.out.println("logout successfully ");
```

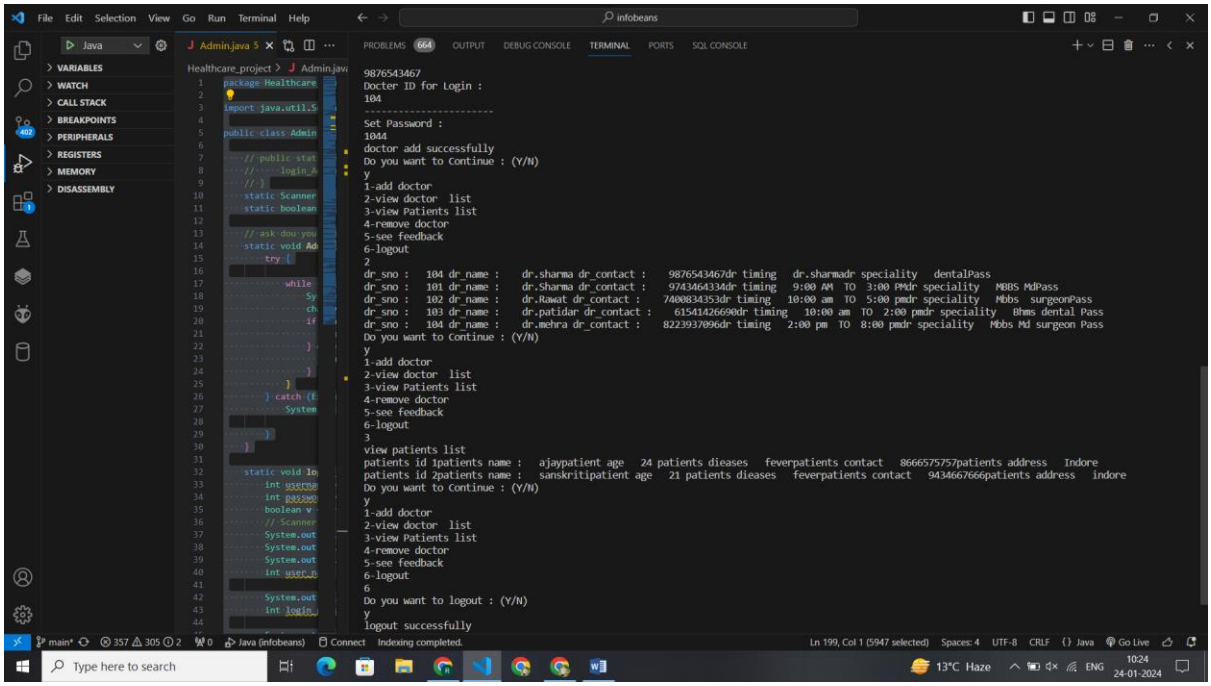
```
        } else {
            System.out.println("please choose correct option");

        }
    }

    //login page end
    // 1 doctors add
    static void add_doctors() {

        try {

            System.out.println("enter dr_id");
            int num = sc.nextInt();
            dr_id.add(num);

            System.out.println("Enter dr_name");
            String name = sc.next();
            dr_name.add(name);

            System.out.println("Enter dr speciality ");
            String special = sc.next();
            dr_speciality.add(special);

            System.out.println("Enter dr timing ");
            String timing = sc.next();
            dr_timing.add(name);

            System.out.println("enter dr_contact number");
            Long contact = sc.nextLong();
            dr_contact.add(contact);

            System.out.println("Docter ID for Login : ");
            System.out.println(Allmethod.dr_id.get(dr_id.size() - 1));
            System.out.println("-----------------------");
            System.out.println("Set Password : ");
            // userInputObject.nextLine();
            int DocterPassSet = sc.nextInt();
            Allmethod.DocterPassSet(DocterPassSet);

            System.out.println("doctor add successfully ");

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

    //   4 remove doctors
    static void removedr() {
        try {

            System.out.println("please enter remove dr id");
            int dr_removeid = sc.nextInt();
            for (int i = 0; i < dr_id.size(); i++) {
                if (dr_removeid == dr_id.get(i)) {
                    dr_id.remove(i);
                    dr_contact.remove(i);
                    dr_timing.remove(i);
```

```
                    dr_speciality.remove(i);
                    DocterPassRemove(i);
                    System.out.println("Doctor removed successfully");

                }
            }
        } catch (Exception e) {
            System.out.println(e);
        }
    }
    //5 feedback

    static void feedback() {

        String feed_back = sc.next();
        patients_feedback.add(feed_back);

    }

    //6 logout
    static void logout() {
        while (val) {
            System.out.println("Do you want to logout : (Y/N)");
            char log_out = sc.next().charAt(0);
            if (log_out == 'y' || log_out == 'Y') {
                break;

            } else {
                // login_Admin();
            }
        }

    }
}
```




Enter Password
1233
login Successfully
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
1
enter dr_id
104
Enter dr_name
dr.sharma
Enter dr speciality
dental
Enter dr timing
5:00pm
enter dr_contact number
9876543467
Docter ID for Login :
104
Set Password :
1044
doctor add successfully
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
2
dr_sno : 104 dr_name : dr.sharma dr_contact : 9876543467dr timing dr.sharmadr speciality dentalPass
dr_sno : 101 dr_name : dr.Sharma dr_contact : 9743464334dr timing 9:00 AM TO 3:00 PMdr speciality MBBS MdPass
dr_sno : 102 dr_name : dr.Rawat dr_contact : 7400834353dr timing 10:00 am TO 5:00 pmdr speciality Mbbs surgeonPass
dr_sno : 103 dr_name : dr.patidar dr_contact : 61541426690dr timing 10:00 am TO 2:00 pmdr speciality Bhms dental Pass
dr_sno : 104 dr_name : dr.mehra dr_contact : 8223937096dr timing 2:00 pm TO 8:00 pmdr speciality Mbbs Md surgeon Pass
Do you want to Continue : (Y/N)
y
1-add doctor


login Successfully
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
2
dr_sno : 101 dr_name : dr.Sharma dr_contact : 9743464334dr timing 9:00 AM TO 3:00 PMdr speciality MBBS MdPass
dr_sno : 102 dr_name : dr.Rawat dr_contact : 7400834353dr timing 10:00 am TO 5:00 pmdr speciality Mbbs surgeonPass
dr_sno : 103 dr_name : dr.patidar dr_contact : 61541426690dr timing 10:00 am TO 2:00 pmdr speciality Bhms dental Pass
dr_sno : 104 dr_name : dr.mehra dr_contact : 8223937096dr timing 2:00 pm TO 8:00 pmdr speciality Mbbs Md surgeon Pass
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
4
remove doctor
please enter remove dr id
104
Doctor removed successfully
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
2
dr_sno : 101 dr_name : dr.Sharma dr_contact : 9743464334dr timing 9:00 AM TO 3:00 PMdr speciality MBBS MdPass
dr_sno : 102 dr_name : dr.Rawat dr_contact : 7400834353dr timing 10:00 am TO 5:00 pmdr speciality Mbbs surgeonPass
dr_sno : 103 dr_name : dr.patidar dr_contact : 61541426690dr timing 10:00 am TO 2:00 pmdr speciality Bhms dental Pass
dr_sno : 101 dr_name : dr.mehra dr_contact : 9743464334dr timing 9:00 AM TO 3:00 PMdr speciality MBBS MdPass
dr_sno : 102 dr_name : dr.Sharma dr_contact : 7400834353dr timing 10:00 am TO 5:00 pmdr speciality Mbbs surgeonPass
dr_sno : 103 dr_name : dr.Rawat dr_contact : 61541426690dr timing 10:00 am TO 2:00 pmdr speciality Bhms dental Pass
dr_sno : 104 dr_name : dr.patidar dr_contact : 8223937096dr timing 2:00 pm TO 8:00 pmdr speciality Mbbs Md surgeon Pass
Do you want to Continue : (Y/N)


File Edit Selection View Go Run Terminal Help
infobeans
Java
VARIABLES
WATCH
CALL STACK
BREAKPOINTS
PERIPHERALS
REGISTERS
MEMORY
DISASSEMBLY
Admin.java 5
Healthcare_project > Admin.java
PROBLEMS 664 OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL CONSOLE
9876543467
Docter ID for Login :
104
Set Password :
1044
doctor add successfully
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
2
dr_sno : 104 dr_name : dr.sharma dr_contact : 9876543467dr timing dr.sharmadr speciality dentalPass
dr_sno : 101 dr_name : dr.Sharma dr_contact : 9743464334dr timing 9:00 AM TO 3:00 PMdr speciality MBBS MdPass
dr_sno : 102 dr_name : dr.Rawat dr_contact : 7400834353dr timing 10:00 am TO 5:00 pmdr speciality Mbbs surgeonPass
dr_sno : 103 dr_name : dr.patidar dr_contact : 61541426690dr timing 10:00 am TO 2:00 pmdr speciality Bhms dental Pass
dr_sno : 104 dr_name : dr.mehra dr_contact : 8223937096dr timing 2:00 pm TO 8:00 pmdr speciality Mbbs Md surgeon Pass
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
3
view patients list
patients id 1patients name : ajaypatient age 24 patients dieases feverpatients contact 8666575757patients address Indore
patients id 2patients name : sanskritipatient age 21 patients dieases feverpatients contact 9434667666patients address indore
Do you want to Continue : (Y/N)
y
1-add doctor
2-view doctor list
3-view Patients list
4-remove doctor
5-see feedback
6-logout
6
Do you want to logout : (Y/N)
y
logout successfully
Ln 199, Col 1 (5947 selected) Spaces: 4 UTF-8 CRLF Java Go Live
Type here to search
13°C Haze
ENG
10:24
24-01-2024

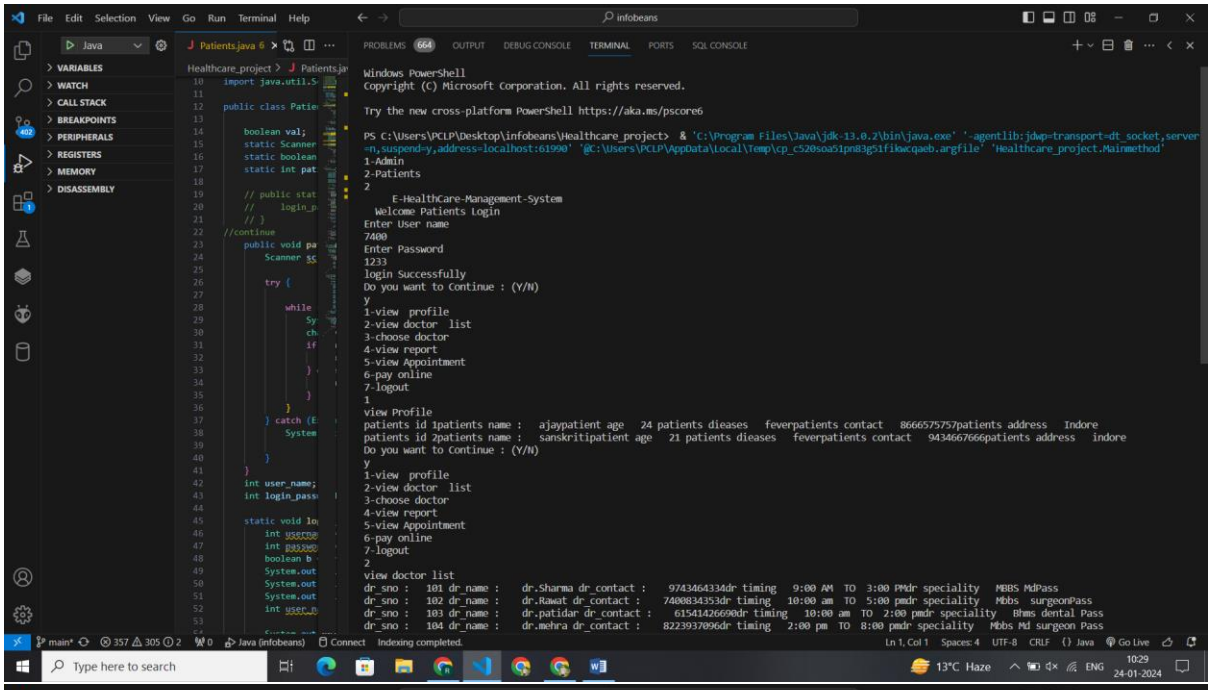
Patients

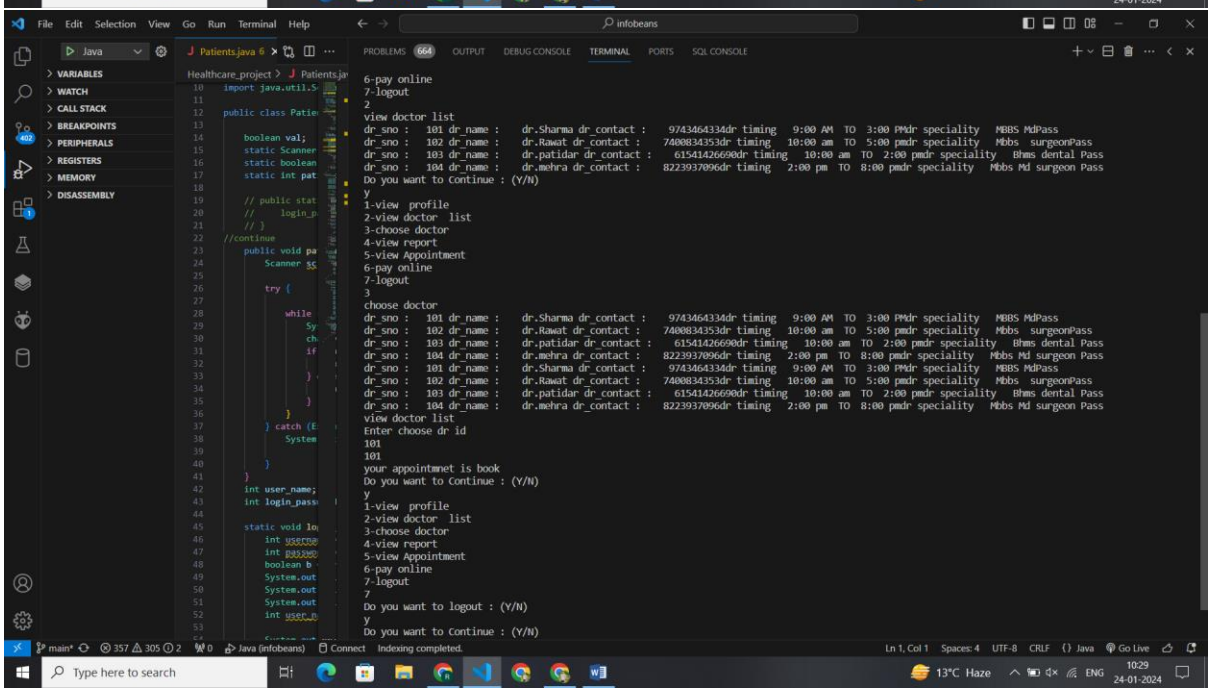
```java
// E-HealthCare-Management-System is a console based application which is built using java.
// This application helps in management of Patients, doctors, admin in a easy and
comfortable way.
// using this Application patients can quickly Sign up, Login, view his/her profile, view
doctors, book Appointment,
// view Report, choose doctor, view Appointments, give feedback, pay online and logout.
Admin can add Doctors,
// view patients list, view Doctors list,remove doctors, see feedback given by
patients,view reports,logout.
// Doctor can login, view profile, viewAppointments, Attend Patients and logout.
package Healthcare_project;

import java.util.ArrayList;
import java.util.Scanner;

public class Patients extends Allmethod {

    boolean val;
    static Scanner sc = new Scanner(System.in);
    static boolean va  = true;
    static int patient_chooseid ;

    // public static void main(String[] args) {
    //     login_patients();
    // }
//continue
    public void patientEndProcess() {
        Scanner sc = new Scanner(System.in);

        try {

            while (val) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_patients();
                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    val = false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);

        }
    }
    int user_name;
    int login_password;

    static void login_patientpass() {
        int username = 7400;
```

```
        int password = 1233;
        boolean b = true;
        System.out.println("     E-HealthCare-Management-System     ");
        System.out.println("  Welcome Patients Login ");
        System.out.println("Enter User name");
        int user_name = sc.nextInt();

        System.out.println("Enter Password");
        int login_password = sc.nextInt();
        System.out.println("login Successfully");

        try {
            while (b) {
                System.out.println("Do you want to Continue : (Y/N)");
                char valueOfUser = sc.next().charAt(0);
                if (valueOfUser == 'y' || valueOfUser == 'Y') {
                    login_patients();
                } else if (valueOfUser == 'n' || valueOfUser == 'N') {
                    b = false;
                }
            }
        } catch (Exception e) {
            System.out.println(e);

        }
    }

//login page
    static void login_patients() {

        // if (username == user_name && password == login_password) {
        System.out.println("1-view  profile ");
        System.out.println("2-view doctor  list ");
        System.out.println("3-choose doctor");
        System.out.println("4-view report");

        System.out.println("5-view Appointment");
        System.out.println("6-pay online ");
        System.out.println("7-logout ");

        // } else {
        //     System.out.println("please enter correct user name /password");
        // }
        int choice = sc.nextInt();

        // 1 view profile done
        if (choice == 1) {
            System.out.println("view Profile ");
            Patients_dataset();
            view_patientsprofile();

        } // 2 view doctor list done
        else if (choice == 2) {
            System.out.println("view doctor list ");
            dr_dataset();
            view_dr_profile();
        } else if (choice == 3) {
            System.out.println("choose doctor");
```

```
            dr_dataset();

            view_dr_profile();
            choose_dr();

        } else if (choice == 4) {
            System.out.println("view report ");

        } else if (choice == 5) {
            System.out.println("view appointment ");

            for (int i = 0; i < dr_id.size(); i++) {
                if(  patient_chooseid == dr_id.get(i)){


                System.out.println("dr_sno :   " + dr_id.get(i) + " dr_name :    " +
dr_name.get(i) + " dr_contact :    " + dr_contact.get(i) + "dr timing   " +
dr_timing.get(i) + "dr speciality   " + dr_speciality.get(i) + "Pass");
                }
            }

        } else if (choice == 6) {
            System.out.println("pay online ");
        } else if (choice == 7) {
            logoutPatient();

        } else {
            System.out.println("please choose correct option");
        }

    }

    //3  choose doctor
    static void choose_dr() {
        System.out.println("view doctor list ");

        System.out.println("Enter choose dr id ");
         int patient_chooseid = sc.nextInt();
        // dr_id.add(patient_chooseid);

        for (int i = 0; i < dr_id.size(); i++) {
            //method
            if (patient_chooseid == dr_id.get(i)) {
                dr_id.add(i);
                // dr_name.add(i);

                patientchoose(i);
                System.out.println(dr_id.get(i));

                System.out.println("your appointmnet is book ");
                break;
            }
        }

    }

    //4 add patients
    static void add_patient() {
```

```
        try {
            System.out.println("how many patient add");

            int add = sc.nextInt();

            for (int i = 0; i < add; i++) {
                System.out.println("Enter patients name");
                String pname = sc.next();
                patients_name.add(pname);

                System.out.println("Enter patient age");
                int pAge = sc.nextInt();
                patients_age.add(pAge);

                System.out.println("Enter patient dieases");
                String pdiesease = sc.next();
                patients_dieseases.add(pdiesease);

                System.out.println("Enter patient contact ");
                long pcontact = sc.nextLong();
                patients_contact.add(pcontact);

                System.out.println("enter patient address");
                String paddress = sc.next();
                patients_address.add(paddress);

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

    static void logoutPatient() {
        while (va) {
            System.out.println("Do you want to logout : (Y/N)");
            char log_out = sc.next().charAt(0);
            if (log_out == 'y' || log_out == 'Y') {
                break;

            } else {
                // login_Admin();
            }
        }

    }

}
```





All method

```
package Healthcare_project;

import java.util.ArrayList;
import java.util.Scanner;
```

```java
import javax.print.Doc;

public class Allmethod {

    // public Allmethod() {
    //     dr_dataset();
    // }
    public static final int username = 7400;
    protected static final int password = 1233;
    // --------------doctor data adding
    static ArrayList<Integer> dr_id = new ArrayList<Integer>();
    static ArrayList<String> dr_name = new ArrayList<>();
    static ArrayList<Long> dr_contact = new ArrayList<>();
    private static ArrayList<Integer> DocterPassword = new ArrayList<Integer>();
    static ArrayList<String> dr_timing = new ArrayList<>();
    static ArrayList<String> dr_speciality = new ArrayList<>();

    static int AdminPassword() {
        return password;
    }

    static void DocterPassSet(int gotPasswordOfDocter) {
        DocterPassword.add(gotPasswordOfDocter);
    }

    static void DocterPassRemove(int RemovePasswordOfDocter) {
        DocterPassword.remove(RemovePasswordOfDocter);
    }

    static ArrayList<Integer> DocterPassDataSend() {
        return DocterPassword;
    }

    static void dr_dataset() {
        dr_id.add(101);
        dr_id.add(102);
        dr_id.add(103);
        dr_id.add(104);

        dr_name.add("dr.Sharma");
        dr_name.add("dr.Rawat");
        dr_name.add("dr.patidar");
        dr_name.add("dr.mehra");
        dr_contact.add(9743464334L);
        dr_contact.add(7400834353L);
        dr_contact.add(61541426690L);
        dr_contact.add(8223937096L);

        dr_timing.add("9:00 AM  TO  3:00 PM");
        dr_timing.add("10:00 am  TO  5:00 pm");
        dr_timing.add("10:00 am  TO  2:00 pm");
        dr_timing.add("2:00 pm  TO  8:00 pm");

        dr_speciality.add("MBBS Md");
        dr_speciality.add("Mbbs  surgeon");
        dr_speciality.add("Bhms dental ");
        dr_speciality.add("Mbbs Md surgeon ");
```

```
        DocterPassword.add(121);
        DocterPassword.add(123);
        DocterPassword.add(111);
        DocterPassword.add(1234);

    }

    //patients data adding
    static ArrayList<Integer> patients_id = new ArrayList<>();
    static ArrayList<String> patients_address = new ArrayList<String>();
    static ArrayList<String> patients_name = new ArrayList<>();
    static ArrayList<Long> patients_contact = new ArrayList<>();
    static ArrayList<Integer> patients_age = new ArrayList<>();
    static ArrayList<String> patients_dieseases = new ArrayList<>();
    static ArrayList<String> patients_feedback = new ArrayList<>();
    static ArrayList<Integer> patient_choose_dr = new ArrayList<>();

// static ArrayList<Integer> patient_chooseid =new ArrayList<>
    static void Patients_dataset() {

        patients_id.add(1);

        patients_id.add(2);

        patients_name.add("ajay");
        patients_name.add("sanskriti");

        patients_age.add(24);
        patients_age.add(21);

        patients_dieseases.add("fever");
        patients_dieseases.add("fever");

        patients_address.add("Indore");
        patients_address.add("indore");

        patients_contact.add(8666575757L);
        patients_contact.add(9434667666L);

        patients_feedback.add("asdgiofg");
        patients_feedback.add("rejqht38f");

    }

    static void view_patientsprofile() {
        try {
            for (int i = 0; i < patients_name.size(); i++) {
                System.out.println("patients id " + patients_id.get(i) + "patients name
:   " + patients_name.get(i) + "patient age    " + patients_age.get(i) + " patients
dieases    " + patients_dieseases.get(i) + "patients contact    " + patients_contact.get(i) +
"patients address    " + patients_address.get(i));
            }

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

    }
```

```
    static void view_dr_profile() {

        try {
            for (int i = 0; i < dr_id.size(); i++) {

                System.out.println("dr_sno :    " + dr_id.get(i) + " dr_name :     " +
dr_name.get(i) + " dr_contact :     " + dr_contact.get(i) + "dr timing    " +
dr_timing.get(i) + "dr speciality    " + dr_speciality.get(i) + "Pass");
            }

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

    static void patientchoose(int dr_choose) {
        patient_choose_dr.add(dr_choose);

    }

}
```

Main method

```
package Healthcare_project;

import java.util.Scanner;

public class Mainmethod {

    public static void main(String[] args) {
        Admin ad = new Admin();
        // ad.login_Admin();

        Patients pt = new Patients();
        // pt.login_patients();

        Scanner sc = new Scanner(System.in);
        System.out.println("1-Admin ");
        System.out.println("2-Patients");

        int choice = sc.nextInt();
        try {

            if (choice == 1) {
```

```
                // ad.login_Admin();
                ad.login_Adminpass();

            } else if (choice == 2) {

                // pt.login_patients();
                pt.login_patientpass();

            }
        } catch (Exception e) {
            System.out.println(e);
        } finally {
            ad.AdminEndProcess();
            pt.patientEndProcess();

        }

    }
}
```