HOSPITAL MANAGEMENT

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package hospitalmanagement;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.Scanner;
public class Hospital {
public static void main(String[] args)throws ClassNotFoundException {
// TODO Auto-generated method stub
try {
boolean flag=true;;
Scanner sc=new Scanner(System.in);
Class.forName("com.mysql.cj.jdbc.Driver");
Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Mybase","root","root")
;
Statement st=con.createStatement();
ResultSet rs;
System.out.println("\n****Welcome to Hospital Management****\n");
while(flag) {
System.out.println("\nEnter 1 to add new Record");
System.out.println("Enter 2 to Remove a Record");
System.out.println("Enter 3 to Display a specific Patient
details");
System.out.println("Enter 4 to Display all Records");
System.out.println("Enter 5 to Update Patient details");
System.out.println("Enter 6 to Exit");
int choice=sc.nextInt();
switch(choice) {
case 1:
System.out.println("Enter PatientId : ");
int pat_id=sc.nextInt();
System.out.println("Enter PatientName : ");
String pat_name=sc.next();
System.out.println("Enter the Disease : ");
String disease=sc.next();
System.out.println("Enter the Doctor Name: ");
String doc_name=sc.next();
System.out.println("Enter the fees : ");
int fees=sc.nextInt();
st.executeUpdate("insert into Hospital
values("+pat_id+","'+pat_name+"','"+disease+"','"+doc_name+"',"+fees+")");
System.out.println("\n**New Patient Record added
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Successfully!!**");
break;

case 2:
System.out.println("\nEnter a Patient_id to remove : ");
int checkid=sc.nextInt();
st.executeUpdate("delete from Hospital where
pat_id="+checkid);
System.out.println("**Patient_record removed
Succesfully!!**");
break;
case 3:
System.out.println("Enter a Patientname to display : ");
String checkpatient=sc.next();
rs=st.executeQuery("select * from Hospital where
pat_name='"+checkpatient+"'");
while(rs.next()) {
System.out.println("\npat_id: "+rs.getInt(1)+"\npat_name :
"+rs.getString(2)+"\ndisease : "+rs.getString(3)+"\ndoc_name :
"+rs.getString(4)+"\nfees : "+rs.getInt(5));
}
break;
case 4:
rs=st.executeQuery("select * from Hospital");
System.out.println();
while(rs.next()) {
System.out.println("pat_id: "+rs.getInt(1)+" pat_name :
"+rs.getString(2)+" disease : "+rs.getString(3)+" doc_name : "+rs.getString(4)+"
fees : "+rs.getInt(5));
}
break;
case 5:
System.out.println("Enter the patient id to update : ");
int ni=sc.nextInt();
System.out.println("\nEnter the colum name to update\n1pat_id
2.pat_name 3.disease 4.doc_name 5.fess");
String cname=sc.next();
if(cname.equalsIgnoreCase("pat_id")) {
System.out.println("Enter the updated patient id : ");
int nb=sc.nextInt();
st.executeUpdate("update Hospital set pat_id="+nb+"
where pat_id="+ni);
System.out.println("**New ID Updated Successfully!!**");
}
else if(cname.equalsIgnoreCase("pat_name")) {
System.out.println("Enter the updated patientname : ");
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String nbn=sc.next();
st.executeUpdate("update Hospital set pat_name='"+nbn+"'
where pat_id="+ni);
System.out.println("**New patientname Updated
Successfully!!**");
}
else if(cname.equalsIgnoreCase("disease")) {
System.out.println("Enter the updated disease : ");
String nan=sc.next();
st.executeUpdate("update Hospital set disease='"+nan+"'
where pat_id="+ni);
System.out.println("**New disease Updated
Successfully!!**");
}
else if(cname.equalsIgnoreCase("doc_name")) {
System.out.println("Enter the updated Doctorname: ");
String np=sc.next();
st.executeUpdate("update Hospital set doc_name="+np+"
where pat_id="+ni);
System.out.println("** New doc_name Updated
Successfully!!**");
}
else if(cname.equalsIgnoreCase("fees")) {
System.out.println("Enter the updated fees: ");
int np=sc.nextInt();
st.executeUpdate("update Hospital set fees="+np+" where
pat_id="+ni);
System.out.println("** New fees Updated
Successfully!!**");
}
else
System.out.println("Enter the column name correctly!");
break;
case 6:
System.out.println("Thank you!");
flag=false;
break;
}
}
}
catch(Exception e) {
System.out.println(e);
}
}
}
```