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\* Ron Enz

\* Student Business Object Example

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package Business;

import java.sql.\*;

public class Student {

private int id;

private String fname;

private String lname;

private String email;

private double gpa;

public Student() {

id=0;

fname="";

lname="";

email="";

gpa=0.0;

}

public Student(int i, String fn, String ln, String em, double g) {

id=i;

fname=fn;

lname=ln;

email=em;

gpa=g;

}

public void selectDB(int i) {

id=i;

try { //Load DB Driver

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c1;

c1=DriverManager.getConnection(

"jdbc:ucanaccess://C://Users//renz//RegistrationMDB.mdb"

);

//Execute SQL Statement

Statement stmt = c1.createStatement();

ResultSet rs = stmt.executeQuery("Select \* from Students where ID = " + i);

//Process ResultSet

rs.next();

fname = rs.getString(2);

lname = rs.getString(3);

email = rs.getString(8);

gpa = rs.getFloat(9);

c1.close();

}

catch(Exception se) {

System.out.println(se);

}

} //end selectDB()

public int getId() { return id; }

public void setId(int i) { id=i; }

public String getFname() { return fname; }

public void setFname(String fn) { fname=fn; }

public String getLname() { return lname; }

public void setLname(String ln) { lname=ln; }

public String getEmail() { return email; }

public void setEmail(String em) { email=em; }

public double getGpa() { return gpa; }

public void setGpa(double g) { gpa=g; }

public void display() {

System.out.println("ID = "+ id);

System.out.println("Firat Name = "+ fname);

System.out.println("Last Name = "+ lname);

System.out.println("EMail Address = "+ email);

System.out.println("GPA = "+ gpa);

}

public static void main(String args[]) {

// Testing Database methods

Student s1;

s1 = new Student();

s1.selectDB(5);

s1.display();

}