Quiz system

(JAVA Project)

Session: 2014-15

Made By:

Dikshant Agarwal

**CONTENTS**

* **Certificate**
* **Preface**
* **Acknowledgement**
* **Forms**
* **Login**
* **Register**
* **Menu**
* **Test**
* **Result**
* **Database**
* **Java table**
* **HTML table**
* **DBMS table**
* **Networking table**

## CERTIFICATION

**Name: Dikshant Agarwal  
Batch:f3**

**College:Jaypee Institute of Information Technology,Noida   
Year: 2014-2015**

Certified to be the bonafide work done by Dikshant Agarwal of batch F3 in the OOPs LAB during the year  2014-2015 .

Submitted for **ALL INDIA SENIOR SCHOOL CERTIFICATE PRACTICAL**

Examination held in Computer LAB at DELHI PUBLIC SCHOOL

Examiner

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal:

I would like to express my sincere gratitude to my **INFORMATICS** mentor **Mr . Hitesh Pujari** for his vital support, guidance and encouragement -without which this project would not have come forth.

**PREFACE**

***“It’s a computer world & it never remains the same, it changes within every second. Everyone wants to be advanced.”***

*This project is developed to test the knowledge of students. I have used my all best efforts to make this user-friendly interface, so that user with short knowledge can also access it easily. All the best levels have been used to make this project accessible. A project can never be completed. It can be enhanced more. I welcome suggestions from my teachers to improve in future.*

ACKNOWLEDGEMENT

I am deeply indebted to my Dean **Dr Krishna kant**, my OOPs teacher **Mr.Hitesh** **Pujari**  for the guidance given to me during the course of work.

This project has been written in a simple and lucid style for the better understanding and appreciation of study. It has compiled systematically to enable one of evaluates detail of the report.

No words can crystallize in expressing my respect and sense of gratitude to my parents and teachers.

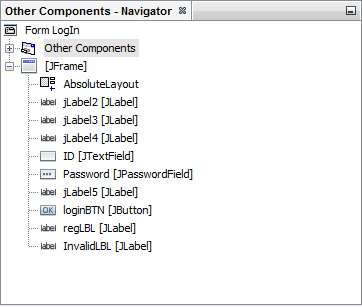
**Co-ordinate By: Submitted By:**

Mr. Hitesh Pujari Dikshant Agarwal

FORMS

Login





Coding

private void loginBTNActionPerformed(java.awt.event.ActionEvent evt) {

InvalidLBL.setText("");

String PWord = new String(Password.getPassword());

String Id = ID.getText();

String str = null;

Statement stmt=null;

ResultSet rs = null;

try {

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

stmt = conn.createStatement();

String sql = "select \* from LogIn where ID = '" + Id + "'";

rs = stmt.executeQuery(sql);

rs.next();

str = rs.getString("Password");

if(str.equals(PWord))

{

Menu m = new Menu(Id);

m.setVisible(true);

this.setVisible(false);

}else

{

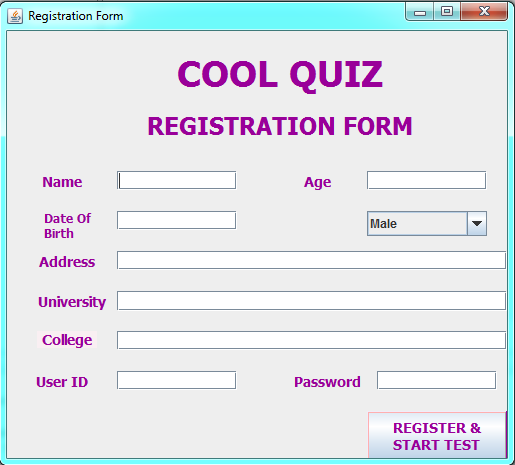
InvalidLBL.setText("Incorrect ID or Password");

}

catch (Exception e){ InvalidLBL.setText("Incorrect ID or Password");}

}

Register



Coding

private void RegisterTFActionPerformed(java.awt.event.ActionEvent evt) {

String name,Address,college,Univ,ID;

int Password;

name=t1.getText();

Address=t4.getText();

college=t6.getText();

Univ=t5.getText();

ID=t7.getText();

int age;

String dob;

Gender=(String)jCB1.getSelectedItem();

age=Integer.parseInt(t2.getText());

Password=Integer.parseInt(t8.getText());

dob=t3.getText();

try {

Class.forName("java.sql.DriverManager");

Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/quiz","root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "insert into Studinfo values ( '"+name+"',"+age+", '"+dob+"' , '"+Gender+"' ,'"+Address+"', '"+college+"', '"+Univ+"', '"+ID+"',"+Password+" )" ;

int k = stmt.executeUpdate(sql);

sql = "insert into LogIn values ( '"+ID+"' , "+Password+") ";

stmt.executeUpdate(sql);

sql = "insert into Result values ( '"+ID+"')";

stmt.executeUpdate(sql);

stmt.close();

conn.close();

new Menu(t7.getText()).setVisible(true);

this.setVisible(false);

}

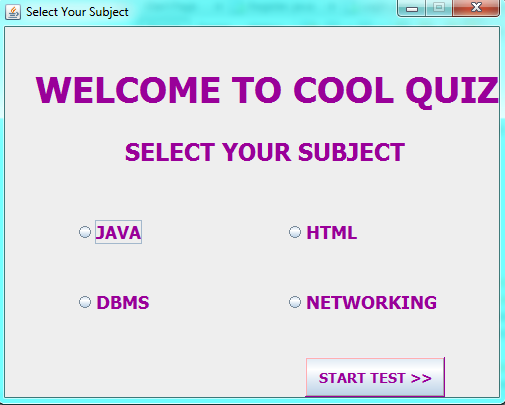
catch( Exception e)

{

JOptionPane.showMessageDialog(null,"" + e);

}

Menu



Coding

import java.sql.\*;

import javax.swing.table.\*;

import javax.swing.JOptionPane;

public class Result extends javax.swing.JFrame {

float result;

String ID;

public Result() {

initComponents();

}

public Result(float res, String id)

{

initComponents();

result = res;

ID = id;

Score.setText(res + "%");

try {

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "select \* from Result where ID = '" + ID + "'";

ResultSet rs = stmt.executeQuery(sql);

Object[] newrow = new Object[5];

newrow[0] = "MAX MARKS";

rs.next();

for(int i=1; i<=4;i++)

newrow[i] = rs.getString(i+1);

DefaultTableModel tm = (DefaultTableModel)scoreTBL.getModel();

tm.addRow(newrow);

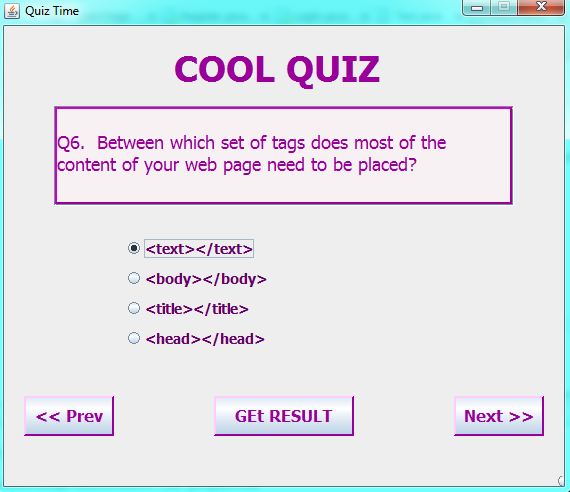
}

catch (Exception e) { JOptionPane.showMessageDialog(null,"" + e);

}

}

Test



Coding

import java.sql.\*;

import javax.swing.JOptionPane;

public class Test extends javax.swing.JFrame {

String ID;

String Subject;

int index =1;

int max =0;

int result = 0;

char [] answers;

public Test()

{

initComponents();

}

public Test(String subject, String id)

{

initComponents();

ID = id;

Subject = subject;

PrevBTN.setVisible(false);

try

{

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "select max(SNo) from " + Subject;

ResultSet rs = stmt.executeQuery(sql);

rs.next();

max = rs.getInt(1);

answers = new char[max];

for(int i=0; i<max;i++)

answers[i] = 'e';

rs.close();

stmt.close();

conn.close();

getQues();

}

catch(Exception e){ JOptionPane.showMessageDialog(null,""+ e);

}

}

private void getQues()

{

try

{

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "select \* from " + Subject + " where SNo = " + index;

ResultSet rs = stmt.executeQuery(sql);

rs.next();

QuesTA.setText("\nQ" + index + ". " + rs.getString(2));

a.setText(rs.getString("a"));

b.setText(rs.getString("b"));

c.setText(rs.getString("c"));

d.setText(rs.getString("d"));

a.setSelected(answers[index-1] == 'a');

b.setSelected(answers[index-1] == 'b');

c.setSelected(answers[index-1] == 'c');

d.setSelected(answers[index-1] == 'd');

e.setSelected(answers[index-1] == 'e');

rs.close();

stmt.close();

conn.close();

}

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

}

private void PrevBTNActionPerformed(java.awt.event.ActionEvent evt) {

index--;

getQues();

if(index == 1)

PrevBTN.setVisible(false);

if(index < max)

NextBTN.setVisible(true);

}

private void NextBTNActionPerformed(java.awt.event.ActionEvent evt) {

index++;

getQues();

if(index == max)

NextBTN.setVisible(false);

if(index > 1)

PrevBTN.setVisible(true);

}

private void bActionPerformed(java.awt.event.ActionEvent evt) {

answers[index-1] = 'b';

}

private void ResultBTNActionPerformed(java.awt.event.ActionEvent evt) {

try

{

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "select Result from " + Subject;

ResultSet rs = stmt.executeQuery(sql);

int i = 0;

while(rs.next())

{

char ans = rs.getString(1).charAt(0);

if(ans == answers[i])

result++;

i++;

}

float res = ((float)result \* 100 ) / max;

sql = "Select " + Subject + "Result from Result where ID = '" + ID + "'";

rs = stmt.executeQuery(sql);

rs.next();

if(res > rs.getFloat(1))

{

sql = "update Result set " + Subject + "Result = " + res + " where ID = '" + ID + "'";

stmt.executeUpdate(sql);

}

stmt.close();

conn.close();

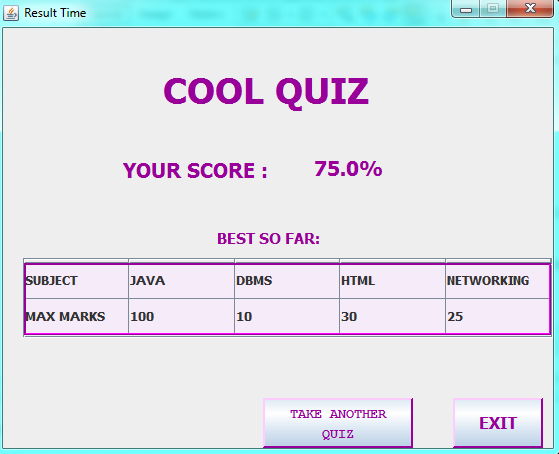
new Result(res,ID).setVisible(true);

this.setVisible(false);

}

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

Result



Coding

import java.sql.\*;

import javax.swing.table.\*;

import javax.swing.JOptionPane;

public class Result extends javax.swing.JFrame {

float result;

String ID;

public Result() {

initComponents();

}

public Result(float res, String id)

{

initComponents();

result = res;

ID = id;

Score.setText(res + "%");

try {

Class.forName("java.sql.Driver");

String database = "jdbc:mysql://localhost:3306/quiz";

Connection conn = DriverManager.getConnection(database, "root", "dikshnat");

Statement stmt = conn.createStatement();

String sql = "select \* from Result where ID = '" + ID + "'";

ResultSet rs = stmt.executeQuery(sql);

Object[] newrow = new Object[10];

newrow[0] = "MAX MARKS";

rs.next();

for(int i=1; i<=4;i++)

newrow[i] = rs.getString(i+1);

DefaultTableModel tm = (DefaultTableModel)scoreTBL.getModel();

tm.addRow(newrow);

}

catch (Exception e) { JOptionPane.showMessageDialog(null,"" + e);

}

}

private void BackBTNActionPerformed(java.awt.event.ActionEvent evt) {

new Menu(ID).setVisible(true);

this.setVisible(false);

}

private void exitBTNActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Result().setVisible(true);

}

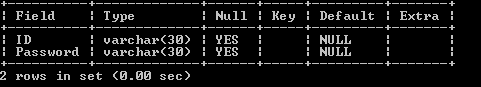
});

}

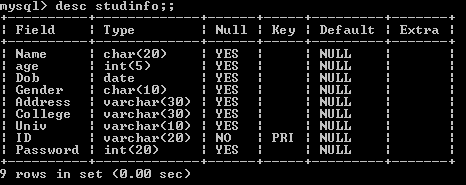
BACK ENDS

MY SQL TABLES

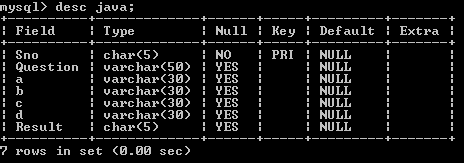
FOR login:-



FOR Register:-



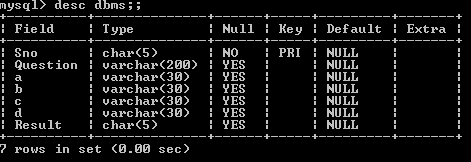
FOR Java:-



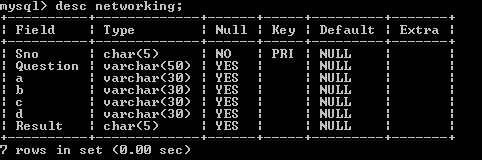
FOR HTML-



FOR DBMS-



For NETWORKING-



FOR Java:-



FOR HTML-



FOR DBMS-



For NETWORKING-

