exp-1:-

index.html

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to our Login page</title>

</head>

<body>

<form action="login" method="post">

<label for= "usernamelbl">Enter your Username</label>

<input type="text" name="username" required><br><br>

<label for= "passlbl">Enter your Password</label>

<input type="password" name="password" required><br><br>

<input type="submit" name="submit" value="submit"><br><br>

<input type="reset">

</form>

</body>

</html>

\*\*LOGIN SERVELET.JAVA

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletConfig;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class LoginServlet

\*/

@WebServlet("/LoginServlet")

public class LoginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LoginServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see Servlet#init(ServletConfig)

\*/

public void init(ServletConfig config) throws ServletException {

// TODO Auto-generated method stub

}

/\*\*

\* @see HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

protected void service(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String method= request.getMethod();

if(method.equals("GET"))

{

doGet(request, response);

}

else if(method.equals("POST"))

{

doPost(request, response);

}

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String username = request.getParameter("username");

String password = request.getParameter("password");

if(username.equals("satish") && password.equals("test123"))

{

out.println("Welcome Mr "+ username + " and your password is "+ password);

}

else

{

out.println("I doubt you are an hacker.. pls run away");

}

}

}

EXP-2:

TEST.JSP:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="test.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<input type="submit" name="submit" value="submit">

</form>

</body>

</html>

<%

String sub = request.getParameter("submit");

{

String username = request.getParameter("username");

out.println("Welcome Mr "+ username);

}

%>

EXP-03:

myfirstapplication.jsp

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="myfirstapplication.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<label for="selectcountry">Select your Country</label>

<select name="country">

<option value="India">India</option>

<option value="US">US</option>

<option value="UK">UK</option>

</select><br>

<label for="mark">Enter your Mark</label>

<input type="text" name="mark" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class student

{

private String username;

private String password;

private String country;

private int mark;

public student(String username,String password,String country,int mark)

{

this.username=username;

this.password=password;

this.country=country;

this.mark=mark;

}

public boolean insertStudentRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into student values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, country);

stmt.setInt(4, mark);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String country = request.getParameter("country");

String mark = request.getParameter("mark");

if(username!=null && password !=null && country!=null && mark!=null)

{

student s = new student(username,password,country,Integer.parseInt(mark));

boolean result=s.insertStudentRecord();

if(result)

{

out.print("Record Inserted Successfully");

}

else

{

out.print("Damn it..Got some wierd error...");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table student(name varchar(20), password varchar(20), country varchar(20), mark int);

select \* from student

fetching values from data base using JSP:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>welcome to my display page</title>

</head>

<body>

<%

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

String sql = "select employee\_name,department\_name from employee,department where dept\_id=department\_id;";

PreparedStatement stmt = con.prepareStatement(sql);

ResultSet rs = stmt.executeQuery();

if(rs.next()==false)

{

out.println("No Records in the table");

}

else

{%>

<table border="1">

<tr><th>Employee Name</th><th>Department Name</th></tr>

<%

do

{%>

<tr><td><%= rs.getString(1)%></td><td><%= rs.getString(2)%></td></tr>

<%}while(rs.next());

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

e.getStackTrace();

}

%>

</table>

</body>

</html>

QUERY 01:

show databases;

create database alekhya;

use alekhya;

create table employee(employee\_id int, employee\_name varchar(25), employee\_address varchar(25), dept\_id int);

insert into employee values(451,'Satish','Chennai',121),(452,'Ramesh','Vellore',122);

select \* from employee;

QUERY 02:

show databases;

create database alekhya;

use alekhya;

create table department(department\_id int,department\_name varchar(25));

insert into department values(121,'SCOPE'),(122,'SBST');

select \* from department;

EXP-04:

Bookshop.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="bookShop.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<label for="selectbook">Select The Book </label>

<select name="book">

<option value="DS">DS Rs.120/-</option>

<option value="OOPS">OOPS Rs.100</option>

<option value="OS">OS Rs.150/-</option>

</select><br>

<label for="rollnum">Enter your Roll Number</label>

<input type="text" name="rollnum" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class student

{

private String username;

private String password;

private String book;

private int rollnum;

public student(String username,String password,String book,int rollnum)

{

this.username=username;

this.password=password;

this.book=book;

this.rollnum=rollnum;

}

public boolean insertStudentRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into bookstore values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, book);

stmt.setInt(4, rollnum);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String book= request.getParameter("book");

String rollnum = request.getParameter("rollnum");

if(username!=null && password!=null && book!=null && rollnum!=null)

{

student s = new student(username,password,book,Integer.parseInt(rollnum));

boolean result=s.insertStudentRecord();

if(result)

{

out.print(book+" order confirmed");

}

else

{

out.print("stock not available");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table bookstore(username varchar(25), password varchar(25), book varchar(25), rollnum int);

select \* from bookstore;

EXP-05:

Ticketreserve.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="ticketreserve.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<table>

<tr>

<th>Place</th>

<th>Ticket Cost</th>

</tr>

<tr>

<td>Vijayawada to Hyderabad</td>

<td>Rs.1500/-</td>

</tr>

<tr>

<td>Vijayawad to Vizag</td>

<td>Rs. 1400/-</td>

</tr>

<tr>

<td>Vijayawad to Vijayanagaram</td>

<td>Rs. 1500/-</td>

</tr>

</table>

<label for="place">Select The place </label>

<select name="place">

<option value="VJA-HYD">VJA-HYD</option>

<option value="VJA-VZG">VJA-VZG</option>

<option value="VJA-VZM">VJA-VZM</option>

</select><br>

<label for="mobile">Enter your Mobile Number</label>

<input type="text" name="mobile" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class ticket

{

private String username;

private String password;

private String place;

private String mobile;

public ticket(String username,String password,String place,String mobile)

{

this.username=username;

this.password=password;

this.place=place;

this.mobile=mobile;

}

public boolean insertTicketRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into ticketreserve values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, place);

stmt.setString(4, mobile);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String place= request.getParameter("place");

String mobile = request.getParameter("mobile");

if(username!=null && password!=null && place!=null && mobile!=null)

{

ticket t = new ticket(username,password,place,mobile);

boolean result=t.insertTicketRecord();

if(result)

{

out.print(place+" ticket confirmed");

}

else

{

out.print("stock not available");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table ticketreserve(username varchar(25), password varchar(25), place varchar(25), mobile varchar(25));

select \* from ticketreserve;

EXP06

Onlineexam.jsp:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="onlineExam.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<label for="inputrollnum">rollnum</label>

<input type="text" name="rollnum" required><br>

<label for="answer">What is MySql </label>

<select name="answer">

<option value="database">database</option>

<option value="server">server</option>

<option value="language">language</option>

</select><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class student

{

private String username;

private String password;

private int rollnum;

private String answer;

public student(String username,String password,int rollnum,String answer)

{

this.username=username;

this.password=password;

this.rollnum=rollnum;

this.answer=answer;

}

public boolean insertStudentRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into onlinetest values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setInt(3, rollnum);

stmt.setString(4, answer);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String rollnum= request.getParameter("rollnum");

String answer= request.getParameter("answer");

if(username!=null && password!=null && rollnum!=null && answer!=null)

{

student s = new student(username,password,Integer.parseInt(rollnum),answer);

boolean result=s.insertStudentRecord();

if(result)

{

out.print("Answer noted Successfully");

}

else

{

out.print("Damn it..Got some wierd error...");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table onlinetest(username varchar(25), password varchar(25),rollnum int, answer varchar(25));

select \* from onlinetest;

EXP07

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to Online Library</title>

<style>

h1 {text-align: center;}

h3 {text-align: center;}

.myDiv {

border: 5px outset red;

background-color: lightblue;

text-align: center;

}

</style>

</head>

<body>

<h1>Online Library</h1>

<form action="onlineLib.jsp" method="post">

<h3>Select The Book you want to read</h3>

<br>

<div class="container">

<div class="row">

<div class="col-6">

<div class="myDiv">

<table border="1">

<tr>

<th>Subject</th>

</tr>

<tr>

<th>Reference</th>

</tr>

<tr><td>Data Structures</td>

<td><a href="https://www.geeksforgeeks.org/data-structures/">Link</a><br><br>

<tr><td>Operating System</td>

<td><a href="https://www.geeksforgeeks.org/operating-systems/">Link</a>

<tr><td>Software Engineering</td>

<td><a href="https://www.geeksforgeeks.org/software-engineering/">Link</a>

<tr><td>C Programming Language</td>

<td><a href="https://www.geeksforgeeks.org/c-programming-language/">Link</a>

<tr><td>Java</td>

<td><a href="https://www.geeksforgeeks.org/java/">Link</a>

<tr><td>Python</td>

<td><a href="https://www.geeksforgeeks.org/python-programming-language/">Link</a>

<tr><td>DBMS</td>

<td><a href="https://www.geeksforgeeks.org/dbms/">Link</a>

<tr><td>HTML</td>

<td><a href="https://www.geeksforgeeks.org/html/">Link</a>

<tr><td>CSS</td>

<td><a href="https://www.geeksforgeeks.org/css/">Link</a>

<tr><td>JavaScript</td>

<td><a href="https://www.geeksforgeeks.org/javascript/">Link</a>

</table></div></div></div></div></form>

</body>

</html>

EXP08:

online job application:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>JOB APPLICATION</title>

</head>

<body>

<form action="onlineJob.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<label for="job">Job Role </label>

<select name="role">

<option value="APCSE">Assistant Professor for CSE</option>

<option value="APCSM">Assistant Professor for CSM</option>

<option value="APIT">Assistant Professor for IT</option>

<option value="APECE">Assistant Professor for ECE</option>

</select><br>

<label for="mobile">Enter your Mobile Number</label>

<input type="text" name="mobile" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class student

{

private String username;

private String password;

private String role;

private String mobile;

public student(String username,String password,String role,String mobile)

{

this.username=username;

this.password=password;

this.role=role;

this.mobile=mobile;

}

public boolean insertStudentRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into onlinejob values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, role);

stmt.setString(4, mobile);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String role=request.getParameter("role");

String mobile= request.getParameter("mobile");

if(username!=null && password!=null && role!=null && mobile!=null)

{

student s = new student(username,password,role,mobile);

boolean result=s.insertStudentRecord();

if(result)

{

out.print("Application submitted successfully");

}

else

{

out.print("No vaccancy");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table onlinejob(username varchar(25), password varchar(25), role varchar(25), mobile varchar(25));

select \* from onlinejob;

EXP09:

onlinebank:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Online Bank</title>

</head>

<body>

<form action="onlineBank.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<label for="insert">Credit amount </label>

<select name="credit">

<option value="0">RS.0</option>

<option value="500">RS.500</option>

<option value="1000">RS.1000</option>

<option value="2000">RS.2000</option>

</select><br>

<label for="delete">Withdraw amount </label>

<select name="withdraw">

<option value="0">RS.0</option>

<option value="500">RS.500</option>

<option value="1000">RS.1000</option>

<option value="2000">RS.2000</option>

</select><br>

<label for="account">Enter your Bank Account Number</label>

<input type="text" name="account" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class student

{

private String username;

private String password;

private String credit;

private String withdraw;

private String account;

public student(String username,String password,String credit,String withdraw,String account)

{

this.username=username;

this.password=password;

this.credit=credit;

this.withdraw=withdraw;

this.account=account;

}

public boolean insertStudentRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into onlinebank values (?,?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, credit);

stmt.setString(4, withdraw);

stmt.setString(5, account);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String credit=request.getParameter("credit");

String withdraw=request.getParameter("withdraw");

String account= request.getParameter("account");

if(username!=null && password!=null && credit!=null && withdraw!=null && account!=null)

{

student s = new student(username,password,credit,withdraw,account);

boolean result=s.insertStudentRecord();

if(result)

{

out.print("bank operation successful");

}

else

{

out.print("Error occured");

}

}

}

%>

QUERY:

show databases;

create database alekhya;

use alekhya;

create table onlinebank(username varchar(25), password varchar(25), credit varchar(25), withdraw varchar(25), account varchar(25));

select \* from onlinebank;

EXP 10:  
ONLINEAUCTION:

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.sql.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome to my First JSP Application</title>

</head>

<body>

<form action="onlineauction.jsp" method="post">

<label for="inputname">Enter your Name</label>

<input type="text" name="username" required><br>

<label for="inputpass">Enter your Password</label>

<input type="text" name="password" required><br>

<table>

<tr>

<th>Place</th>

<th>Minimum bidding price</th>

</tr>

<tr>

<td>Vijayawada</td>

<td>Rs.150000-</td>

</tr>

<tr>

<td>Vizag</td>

<td>Rs. 140000/-</td>

</tr>

<tr>

<td>Vijayanagaram</td>

<td>Rs. 150000/-</td>

</tr>

</table>

<label for="place">Select The place </label>

<select name="place">

<option value="VJA">VJA</option>

<option value="VZG">VZG</option>

<option value="VZM">VZM</option>

</select><br>

<label for="amount">Enter your bidding amount</label>

<input type="text" name="amount" required><br>

<input type="submit" name="submit" value="submit"><br>

</form>

</body>

</html>

<%!

class ticket

{

private String username;

private String password;

private String place;

private String amount;

public ticket(String username,String password,String place,String amount)

{

this.username=username;

this.password=password;

this.place=place;

this.amount=amount;

}

public boolean insertTicketRecord() throws SQLException

{

//connect to a database

dbmsConnection connect=null;

PreparedStatement stmt=null;

Connection con = null;

boolean insert=false;

try

{

connect = new dbmsConnection("jdbc:mysql://localhost:3306/alekhya","root","1234");

con=connect.getConnection();

String sql = "insert into onlineauction values (?,?,?,?);";

stmt=con.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

stmt.setString(3, place);

stmt.setString(4, amount);

int i= stmt.executeUpdate();

if(i>0)

{

insert=true;

}

else

{

insert=false;

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

finally

{

connect.closeConnection(stmt, con);

}

return insert;

}

}

class dbmsConnection

{

String url;

String username;

String password;

public dbmsConnection(String url,String username,String password)

{

this.url=url;

this.username=username;

this.password=password;

}

public Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

con=DriverManager.getConnection(url,username,password);

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

return con;

}

public void closeConnection(Statement stmt,Connection con) throws SQLException

{

stmt.close();

con.close();

}

}

%>

<%

String sub = request.getParameter("submit");

if(sub!=null)

{

String username = request.getParameter("username");

String password= request.getParameter("password");

String place= request.getParameter("place");

String amount = request.getParameter("amount");

if(username!=null && password!=null && place!=null && amount!=null)

{

ticket t = new ticket(username,password,place,amount);

boolean result=t.insertTicketRecord();

if(result)

{

out.print(place+" bidding noted");

}

else

{

out.print("bidding not confirmed");

}

}

}

%>

query

show databases;

create database alekhya;

use alekhya;

create table onlineauction(username varchar(25), password varchar(25), place varchar(25), amount varchar(25));

select \* from onlineauction;