Note-I have mentioned comments in between with red color which is not part of code. Please install TomCat version 9 to avoid any discrepancies in the process

Step1- Open MySql workbench and write the below commands and run:

//////////////////////////////////////////////////////////////////////////////

create database flyaway;

use database flyaway;

create table admin(

Username varchar(40) primary key,

Password varchar(40)

);

insert into admin values(“AtharvC”,”1234”);

Note: Give above values of your choice. These will be your login details.

////////////////////////////////////////////////////////////////////////////////

Step 2:Open Eclipse IDE and follow the below steps:

* Create Dynamic Web Project : Give name as FlyAway ->Click next ->Click next-> check the web.xml box and click finish.
* Add the jar files to lib folder(webapp->WEB-INF->lib)

Note: I have attached the jar file(4 jar files) in GitHub. Just copy paste those files in lib

* Right click on webapp->New->HTML file->give name as index.html and click finish. Add the below code to index.html file

////////////////////////////////////////////////////////////////////////

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>FlyAway</**title**>

</**head**>

<**body**>

<**h1**><**center**>Welcome to FlyAway</**center**></**h1**><**br**><**br**><**br**><**br**><**br**>

<**h2**>Wanna Book Flight? Then Click the below Button</**h2**>

<**button**><**a** href=*"Book"*>Booking</**a**></**button**>

<**h2** align=*"right"*>For Admin Use Only</**h2**>

<**h2** align=*"right"*>Log In&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</**h2**>

<**h3** align=*"right"*>

<**form** action=*"Admin"* method=*"post"*>

Username:<**input** type=*"text"* name=*"username"*><**br**><**br**>

Password:<**input** type=*"password"* name=*"password"*><**br**><**br**>

<**input** type=*submit* value=*LogIn* name=*"login"*>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

</**form**>

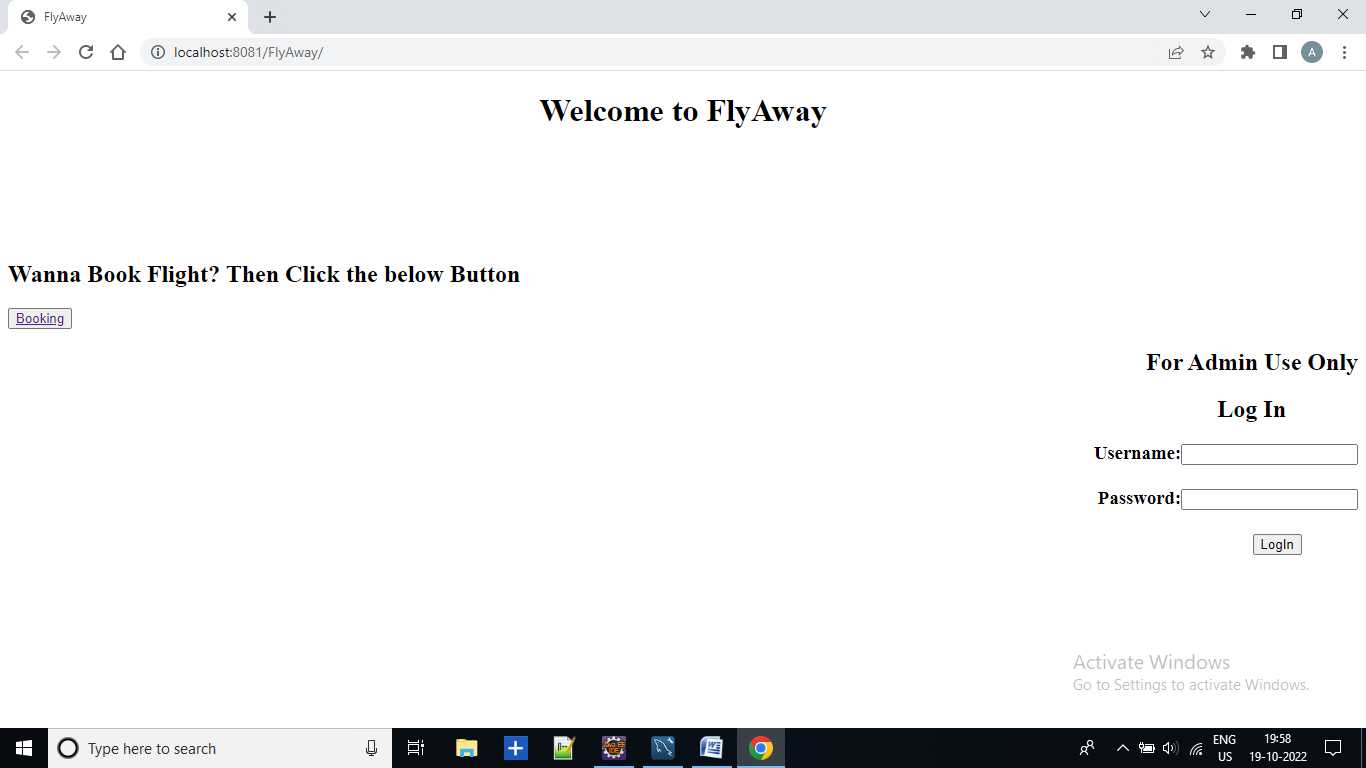
</**h3**>

</**body**>

</**html**>

/////////////////////////////////////////////////////////////

Note:Above code will create a HTML page for you which looks like below



Step3:Right click on src->New->package->give name as com.admin and click finish.

Right click on package->Create new Servlet-> give name as Admin->next->next->check only doPost method box and click finish.

Add the below code in Admin.java servlet

//////////////////////////////////////////////////////////

Note:Please enter your SQL username and password in the below code

package com.admin;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

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 Admin

\*/

@WebServlet("/Admin")

public class Admin extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* Default constructor.

\*/

public Admin() {

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

PrintWriter pw=response.getWriter();

try{

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

String user="root";

String password="Atharv1812";

String url="jdbc:mysql://localhost:3306/flyaway";

Connection con=DriverManager.getConnection(url,user,password);

PreparedStatement ps=con.prepareStatement("select \* from admin");

ResultSet rs=ps.executeQuery();

if(rs.next()) {

if(request.getParameter("username").equals(rs.getString(1))&&request.getParameter("password").equals(rs.getString(2))) {

request.getRequestDispatcher("1.html").include(request, response);

}

else {

request.getRequestDispatcher("index.html").include(request, response);

pw.println("<h3 align='right'><SPAN style='color:red'>Invalid Credentials</SPAN></h3>");

}

}

}

catch (Exception e) {

pw.print(e);

}

}

}

Note:Above code will help you to verify your login details and open the next HTML page for you i.e. ->1.html or if you enter wrong login details it will prompt you with Invalid Credentials message.

/////////////////////////////////////////////////////////////////

* Right click on web app->New->HTML file->Give name as 1.html and click finish. Paste the below code in 1.html

////////////////////////////////////////////////////////////////

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Welcome Admin</**title**>

</**head**>

<**body**>

<**h3** align=*"right"*><**button**><**a** href=*"cp.html"*>Change Password</**a**></**button**><**button**><**a** href=*"index.html"*>Log Out</**a**></**button**></**h3**>

<**center**><**h1**>Welcome Atharv</**h1**></**center**>

<**center**><**h1**>LogIn Successful</**h1**></**center**>

<**h2**>What are you planning to do Today?</**h2**>

<**br**>

<**h3**>If you want to see list of flights available then click on delete flight option</**h3**>

<**h3**>

<**button**><**a** href=*"add.html"*>Add Flight</**a**></**button**>

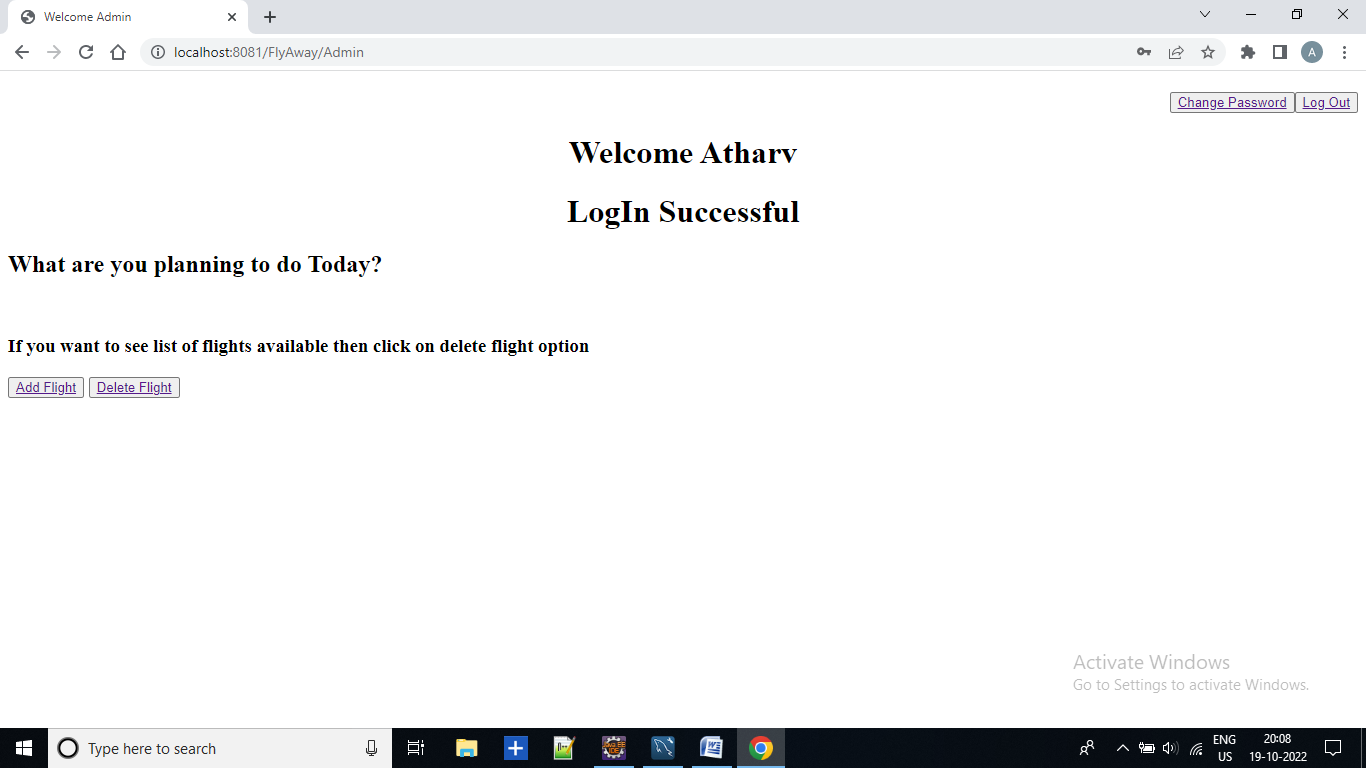
<**button**><**a** href=*"FlightsServ"*>Delete Flight</**a**></**button**>

</**h3**>

</**body**>

</**html**>

Note:Above code will give you following page after you enter valid login details in the index.html page.



* Right click on webapp-> New-> HTML file-> give name as cp.html and click finish. Add the below code to cp.html.

////////////////////////////////////////////////////////////////////////////////

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"UTF-8"*>

<**title**>Change Password</**title**>

</**head**>

<**body**>

<**br**><**br**><**br**><**br**><**br**><**br**>

<**center**>

<**h1**>Change Password</**h1**><**br**>

<**h4**>1)Old Password should be correct<**br**>2)New Password and Old Password

should not be same<**br**>3)Confirm Password should match New Password<**br**>

Note:If any of the above confition fails then it will be considered as Invalid Credentials</**h4**>

<**h2**>

<**form** action=*"Change"* method=*"post"*>

Enter Old Password:<**input** type=*"password"* name=*"oldpassword"*><**br**><**br**>

Enter New Password:<**input** type=*"password"* name=*"newpassword"*><**br**><**br**>

Confirm New Password:<**input** type=*"password"* name=*"conpassword"*><**br**><**br**>

<**input** type=*"submit"* name=*"cpass"* value=*"Change Password"*><**br**>

</**form**>

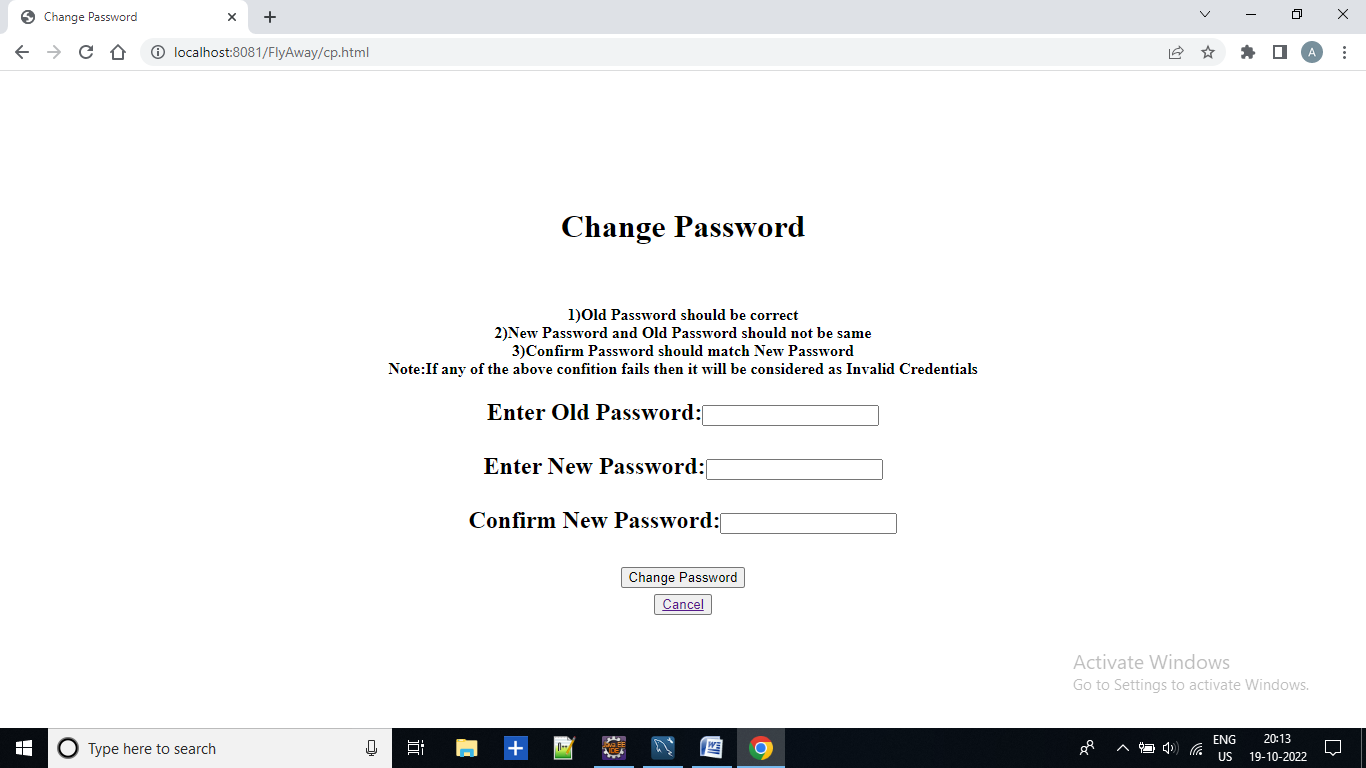
<**button**><**a** href=*"1.html"*>Cancel</**a**></**button**>

</**h2**></**center**>

</**body**>

</**html**>

Note: Above code will give you below page when you click on Change Password in 1.html page



* Now right click on com.admin package ->New-> Servlet->Give name as Change->click next->next->check only doPost box and click finish. Paste below code in Change.java

/////////////////////////////////////////////////////////////////////////

Note:Please enter your SQL username and password in the below code

package com.admin;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

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 Change

\*/

@WebServlet("/Change")

public class Change extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Change() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

PrintWriter pw=response.getWriter();

try{

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

String user="root";

String password="Atharv1812";

String url="jdbc:mysql://localhost:3306/flyaway";

Connection con=DriverManager.getConnection(url,user,password);

PreparedStatement ps=con.prepareStatement("select \* from admin");

ResultSet rs=ps.executeQuery();

if(rs.next()) {

if(request.getParameter("newpassword").equals(request.getParameter("conpassword"))&&request.getParameter("oldpassword").equals(rs.getString(2))&&!request.getParameter("newpassword").equals(rs.getString(2))) {

PreparedStatement ps1=con.prepareStatement("update admin set Password=? where Username=?");

ps1.setString(1, request.getParameter("newpassword"));

ps1.setString(2, "AtharvC");

ps1.executeUpdate();

ps1.close();

request.getRequestDispatcher("cp.html").include(request, response);

pw.println("<center><SPAN style='color:green'>Password Changed Successfully</SPAN></center>");

}

else {

request.getRequestDispatcher("cp.html").include(request, response);

pw.println("<center><SPAN style='color:red'>Invalid Credentials</SPAN></center>");

}

}

}

catch (Exception e) {

pw.print(e);

}

}

}

Note:Above code will help you to verify whether you enter proper details and will change login password for you if you enter correct details.It will also prompt message as per you did the entries.