TASK: Form with Email Verification and generating PDF using itext

EmailUtility.java

**[Just call doMail(<email>,<code>) ] – code is what you sent on their email for verification.**

package com.beans;

import java.util.Properties;

import javax.mail.Message;

import javax.mail.MessagingException;

import javax.mail.PasswordAuthentication;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeMessage;

public class EmailUtility {

public static void doMail(String email,int num) {

String to=email;//change accordingly

//Get the session object

Properties props = new Properties();

props.put("mail.smtp.host", "mail.kitecertification.com"); //change put gmail here

props.put("mail.smtp.socketFactory.port", "25");

//props.put("mail.smtp.socketFactory.class",

// "javax.net.ssl.SSLSocketFactory");

props.put("mail.smtp.auth", "true");

props.put("mail.smtp.port", "25");

Session session = Session.getInstance(props,

new javax.mail.Authenticator() {

protected PasswordAuthentication getPasswordAuthentication() {

return new PasswordAuthentication("<Ur email>","<password>");//change accordingly

}

});

//compose message

try {

MimeMessage message = new MimeMessage(session);

message.setFrom(new InternetAddress("info@kitecertification.com"));//change accordingly

message.addRecipient(Message.RecipientType.TO,new InternetAddress(to));

**message.setSubject("Verify Your Email - Khateeb Institute"); //change**

**message.setText("Your Email Verification Number \n Enter with minus sign if present before the number\n\n" + num);**

//send message

Transport.send(message);

} catch (MessagingException e) {throw new RuntimeException(e);}

}

}

Enroll.java (Servlet) - Controller

package com.controller;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.beans.EmailUtility;

import com.beans.Student;

import com.model.Account;

public class Enroll extends HttpServlet {

private static final long serialVersionUID = 1L;

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

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

if(action == null){

request.getRequestDispatcher("login1.jsp").forward(request, response);

}

else{

doPost(request,response);

}

}

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

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

if(action.equals("doLogin")){

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

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

if(username.equals("kite") && password.equals("ocpjp")){

request.setAttribute("msg1", "");

request.setAttribute("msg2", "");

request.setAttribute("msg3", "");

request.setAttribute("msg4", "");

request.setAttribute("msg5", "");

request.setAttribute("msg6", "");

request.setAttribute("msg7", "");

request.setAttribute("msg8", "");

request.setAttribute("msg9", "");

request.setAttribute("msg10", "");

//request.setAttribute("flag", "100");

request.setAttribute("fname", "");

request.setAttribute("mname", "");

request.setAttribute("lname", "");

request.setAttribute("email", "");

request.setAttribute("contact1", "");

request.setAttribute("contact2", "");

request.setAttribute("college", "");

request.setAttribute("address", "");

request.setAttribute("primary", "--Select Primary Document--");

request.setAttribute("secondary", "--Select Secondary Document--");

request.getRequestDispatcher("enroll\_index.jsp").forward(request, response);

}

else{

request.setAttribute("msg","Invalid Username/Password");

request.getRequestDispatcher("login1.jsp").forward(request, response);

}

}

if(action.equals("enroll\_form")){

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

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

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

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

String contact1 = request.getParameter("contact1");

String contact2 = request.getParameter("contact2");

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

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

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

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

Student student = new Student();

boolean status = student.validate\_student(fname, mname, lname,email, contact1,contact2, college, address, primary,secondary);

if(status == true){

Account account = new Account();

boolean ispresent = false;

try {

ispresent= account.checkMail(email);

}catch(Exception e){ e.printStackTrace();}

if(ispresent == true){

request.setAttribute("msg4","Email is already Registered!! please provide your own ID");

request.setAttribute("msg1", "");

request.setAttribute("msg2", "");

request.setAttribute("msg3", "");

request.setAttribute("msg5", "");

request.setAttribute("msg6", "");

request.setAttribute("msg7", "");

request.setAttribute("msg8", "");

request.setAttribute("msg9", "");

request.setAttribute("msg10", "");

//request.setAttribute("flag", "100");

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("enroll\_index.jsp").forward(request, response);

}

else{

int number =email.hashCode();

EmailUtility.doMail(email,number);

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("verify.jsp").forward(request, response);

}

}

else{

request.setAttribute("msg1", student.getMsg1());

request.setAttribute("msg2", student.getMsg2());

request.setAttribute("msg3", student.getMsg3());

request.setAttribute("msg4", student.getMsg4());

request.setAttribute("msg5", student.getMsg5());

request.setAttribute("msg6", student.getMsg6());

request.setAttribute("msg7", student.getMsg7());

request.setAttribute("msg8", student.getMsg8());

request.setAttribute("msg9", student.getMsg9());

request.setAttribute("msg10", student.getMsg10());

//request.setAttribute("flag", "100");

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("enroll\_index.jsp").forward(request, response);

}

}

if(action.equals("verify\_email\_code")){

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

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

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

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

String contact1 = request.getParameter("contact1");

String contact2 = request.getParameter("contact2");

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

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

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

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

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

if(code.equals("")){

request.setAttribute("msg", "Check your Email and Enter the Validation Code");

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("verify.jsp").forward(request, response);

}

else{

Student student = new Student();

boolean status1 = student.verify(email,code);

if(status1 == true){

Account account = new Account();

try {

account.insertStudent(fname, mname, lname,email, contact1,contact2, college, address, primary,secondary);

} catch (Exception e) {

e.printStackTrace();

}

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("form.jsp").forward(request, response);

}

else{

request.setAttribute("msg", "Invalid Code, Please Enter Valid Code given in your Email");

request.setAttribute("fname", fname);

request.setAttribute("mname", mname);

request.setAttribute("lname", lname);

request.setAttribute("email", email);

request.setAttribute("contact1", contact1);

request.setAttribute("contact2", contact2);

request.setAttribute("college", college);

request.setAttribute("address", address);

request.setAttribute("primary", primary);

request.setAttribute("secondary", secondary);

request.getRequestDispatcher("verify.jsp").forward(request, response);

}

}

}

}

}

login1.jsp

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

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

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<link rel=*"stylesheet"* href=*"css2/style.css"*>

<link rel=*'stylesheet prefetch'* href=*'http://fonts.googleapis.com/css?family=Roboto:400,100,300,500,700,900|RobotoDraft:400,100,300,500,700,900'*>

<link href=*"css/font-awesome.min.css"* rel=*"stylesheet"*>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<div class=*"container"*>

<div class=*"card"*></div>

<div class=*"card"*>

<h1 class=*"title"*>OCPJP Exam Enroll</h1>

<form method=*"post"* action=*"*<%=request.getContextPath() %>*/Enroll"*>

<input type=*"hidden"* name=*"action"* value=*"doLogin"* />

<div align=*"center"*> <font color=*"red"*><c:out value=*"*${msg }*"*></c:out></font></div>

<div class=*"input-container"*>

<input type=*"text"* name=*"username"* required=*"required"*/>

<label for=*"Username"*>Username</label>

<div class=*"bar"*></div>

</div>

<div class=*"input-container"*>

<input type=*"password"* name=*"password"* required=*"required"*/>

<label for=*"Password"*>Password</label>

<div class=*"bar"*></div>

</div>

<div class=*"button-container"*>

<button><span>Go</span></button>

</div>

</form>

</div>

</div>

</body>

</html>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<c:import url=*"header.jsp"*></c:import>

<!-- Page Title -->

<div class=*"section section-breadcrumbs"*>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col-md-12"*>

<h2>OCPJP Exam Registration</h2>

</div>

</div>

</div>

</div>

<div class=*"section"*>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col-sm-7"*>

<div class=*"basic-login"*>

<form action=*"*<%=request.getContextPath() %>*/Enroll"* method=*"post"*>

<input type=*"hidden"* name=*"action"* value=*"enroll\_form"*>

<font color=*"red"*><%=request.getAttribute("msg1") %></font>

<div class=*"form-group"*>

<label for=*"register-username"*><i class=*"icon-user"*></i> <b>First Name</b></label>

<input class=*"form-control"* id=*"register-username"* type=*"text"* name= *"fname"*

value=*'*<c:out value="${fname }"></c:out>*'*>

</div>

<font color=*"red"*><%=request.getAttribute("msg2") %></font>

<div class=*"form-group"*>

<label for=*"register-username"*><i class=*"icon-user"*></i> <b>Middle Initial</b></label>

<input class=*"form-control"* id=*"register-username"* type=*"text"* name= *"mname"*

value=*'*<c:out value="${mname }"></c:out>*'*>

</div>

<font color=*"red"*><%=request.getAttribute("msg3") %></font>

<div class=*"form-group"*>

<label for=*"register-username"*><i class=*"icon-user"*></i> <b>Last Name</b></label>

<input class=*"form-control"* id=*"register-username"* type=*"text"* name= *"lname"*

value=*'*<c:out value="${lname }"></c:out>*'*>

</div>

<font color=*"red"*><%=request.getAttribute("msg4") %></font>

<div class=*"form-group"*>

<label for=*"register-password2"*><i class=*"icon-lock"*></i> <b>Email</b></label>

<input class=*"form-control"* id=*"register-password2"* type=*"text"* name=*"email"* value=*"*<c:out value="${email }"></c:out>*"*>

</div>

<font color=*"red"*><%=request.getAttribute("msg5") %></font>

<div class=*"form-group"*>

<label for=*"register-password"*><i class=*"icon-lock"*></i> <b>Contact No. 1</b></label>

<input class=*"form-control"* id=*"register-password"* type=*"text"* name= *"contact1"* value=*"*<%=request.getAttribute("contact1") %>*"*>

</div>

<font color=*"red"*><%=request.getAttribute("msg6") %></font>

<div class=*"form-group"*>

<label for=*"register-password"*><i class=*"icon-lock"*></i> <b>Contact No. 2</b></label>

<input class=*"form-control"* id=*"register-password"* type=*"text"* name= *"contact2"* value=*"*<%=request.getAttribute("contact2") %>*"*>

</div>

<font color=*"red"*><%=request.getAttribute("msg7") %></font>

<div class=*"form-group"*>

<label for=*"register-password"*><i class=*"icon-lock"*></i> <b>College Name</b></label>

<input class=*"form-control"* id=*"register-password"* type=*"text"* name= *"college"* value=*"*<%=request.getAttribute("college") %>*"*>

</div>

<font color=*"red"*><%=request.getAttribute("msg8") %></font>

<div class=*"form-group"*>

<label for=*"register-password2"*><i class=*"icon-lock"*></i> <b>Your Address</b></label>

<textarea name=*"address"* class=*"form-control"* ><c:out value=*"*${address }*"*></c:out></textarea>

</div>

<HR>

<font color=*"red"*><%=request.getAttribute("msg9") %></font>

<div class=*"form-group"*>

<label for=*"register-password2"*><i class=*"icon-lock"*></i> <b>Primary Document</b></label>

<select name=*"primary"* class=*"form-control"*>

<option value=*"*<c:out value="${primary }"></c:out>*"*><c:out value=*"*${primary }*"*></c:out> </option>

<option value=*"Passport"*>Passport</option>

<option value=*"DriverLicense"*>Driver License</option>

<option value=*"PanCard"*>Pan Card</option>

</select> </div>

<font color=*"red"*><%=request.getAttribute("msg10") %></font>

<div class=*"form-group"*>

<label for=*"register-password2"*><i class=*"icon-lock"*></i> <b>Secondary Document</b></label>

<select name=*"secondary"* class=*"form-control"*>

<option value=*"*<c:out value="${secondary }"></c:out>*"*><c:out value=*"*${secondary }*"*></c:out></option>

<option value=*"Passport"*>Passport</option>

<option value=*"DriverLicense"*>Driver License</option>

<option value=*"PanCard"*>Pan Card</option>

<option value=*"VoterID"*>Voter ID</option>

<option value=*"AadharCard"*>Aadhar Card</option>

</select> </div>

<div class=*"form-group"*>

<button type=*"submit"* class=*"btn pull-right"*>Register</button>

<div class=*"clearfix"*></div>

</div>

</form>

</div>

</div>

<div class=*"col-sm-4 col-sm-offset-1 social-login"*>

<p>Fields marked with \* are Mandatory</p>

<p>Please provide us with some details about you before uploading your CV </p>

<p>Once you fill this form, you will be able to upload your CV</p>

<p>Download <a href=*"cv.docx"*>Sample CV</a></p>

</div>

</div>

</div>

</div>

<c:import url=*"footer.jsp"*></c:import>

verify.jsp

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<c:import url=*"header.jsp"*></c:import>

<!-- Page Title -->

<div class=*"section section-breadcrumbs"*>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col-md-12"*>

<h1>Email Verification</h1>

</div>

</div>

</div>

</div>

<div class=*"section"*>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col-sm-5"*>

<div class=*"basic-login"*>

<font color=*"red"*><c:out value=*"*${msg }*"*></c:out></font>

<form action=*"*<%=request.getContextPath() %>*/Enroll"* method=*"post"*>

<input type=*"hidden"* name=*"action"* value=*"verify\_email\_code"*>

<input type=*"hidden"* name=*"fname"* value=*'*<c:out value="${fname }"></c:out>*'*>

<input type=*"hidden"* name=*"mname"* value=*'*<c:out value="${mname }"></c:out>*'*>

<input type=*"hidden"* name=*"lname"* value=*'*<c:out value="${lname }"></c:out>*'*>

<input type=*"hidden"* name=*"email"* value=*'*<c:out value="${email }"></c:out>*'*>

<input type=*"hidden"* name=*"contact1"* value=*'*<c:out value="${contact1 }"></c:out>*'*>

<input type=*"hidden"* name=*"contact2"* value=*'*<c:out value="${contact2 }"></c:out>*'*>

<input type=*"hidden"* name=*"address"* value=*'*<c:out value="${address }"></c:out>*'*>

<input type=*"hidden"* name=*"college"* value=*'*<c:out value="${college }"></c:out>*'*>

<input type=*"hidden"* name=*"primary"* value=*'*<c:out value="${primary }"></c:out>*'*>

<input type=*"hidden"* name=*"secondary"* value=*'*<c:out value="${secondary }"></c:out>*'*>

<div class=*"form-group"*>

<label for=*"login-username"*><i class=*"icon-user"*></i> <b>Enter Verification Code from your Email</b></label>

<input class=*"form-control"* id=*"login-username"* type=*"text"* name=*"code"*>

</div>

<button type=*"submit"* class=*"btn pull-right"*>Verify</button>

<div class=*"clearfix"*></div>

</div>

</form>

</div>

<div class=*"col-sm-4 col-sm-offset-1 social-login"*>

<p>A Code has been sent to your Email, Please enter the code here.</p>

</div>

</div>

</div>

</div>

Student.java(Bean)

**package** com.beans;

**public** **class** Student {

**private** String msg1 = "";

**private** String msg2 = "";

**private** String msg3 = "";

**private** String msg4 = "";

**private** String msg5 = "";

**private** String msg6 = "";

**private** String msg7 = "";

**private** String msg8 = "";

**private** String msg9 = "";

**private** String msg10 = "";

**public** String getMsg1() {

**return** msg1;

}

**public** **void** setMsg1(String msg1) {

**this**.msg1 = msg1;

}

**public** String getMsg2() {

**return** msg2;

}

**public** **void** setMsg2(String msg2) {

**this**.msg2 = msg2;

}

**public** String getMsg3() {

**return** msg3;

}

**public** **void** setMsg3(String msg3) {

**this**.msg3 = msg3;

}

**public** String getMsg4() {

**return** msg4;

}

**public** **void** setMsg4(String msg4) {

**this**.msg4 = msg4;

}

**public** String getMsg5() {

**return** msg5;

}

**public** **void** setMsg5(String msg5) {

**this**.msg5 = msg5;

}

**public** String getMsg6() {

**return** msg6;

}

**public** **void** setMsg6(String msg6) {

**this**.msg6 = msg6;

}

**public** String getMsg7() {

**return** msg7;

}

**public** **void** setMsg7(String msg7) {

**this**.msg7 = msg7;

}

**public** String getMsg8() {

**return** msg8;

}

**public** **void** setMsg8(String msg8) {

**this**.msg8 = msg8;

}

**public** String getMsg9() {

**return** msg9;

}

**public** **void** setMsg9(String msg9) {

**this**.msg9 = msg9;

}

**public** String getMsg10() {

**return** msg10;

}

**public** **void** setMsg10(String msg10) {

**this**.msg10 = msg10;

}

**public** **boolean** validate\_student(String fname, String mname, String lname,

String email, String contact1, String contact2, String college,

String address, String primary, String secondary) {

**if** (fname.equals("")) {

**this**.msg1 = "Enter Your First Name<BR>";

}

**if** (mname.equals("")){

**this**.msg2 = "Enter Middle Name Initial<BR>";

}

**if** (lname.equals("")) {

**this**.msg3 = "Enter Your Last Name<BR>";

}

**if** (email.equals("")) {

**this**.msg4 = "You will get the Result Link on this Email<BR>";

} **else** **if** (!email.matches("^[\\w-\_\\.+]\*[\\w-\_\\.]\\@([\\w]+\\.)+[\\w]+[\\w]$")) {

**this**.msg4 = "Please Enter valid Email<BR>";

}

**if** (contact1.equals("")) {

**this**.msg5 = "Give us your Contact Please, We will need to contact you.<BR>";

}

**if** (contact2.equals("")) {

**this**.msg6 = "We need secondary contact, incase your first number go out of order<BR>";

}

**if** (college.equals("")) {

**this**.msg7 = "We need your college name<BR>";

}

**if** (address.equals("")) {

**this**.msg8 = "Give correspondence Address for certificate dispatch<BR>";

}

**if** (primary.equals("--Select Primary Document--")) {

**this**.msg9 = "Select the primary document you wish to submit<BR>";

}

**if** (secondary.equals("--Select Secondary Document--")) {

**this**.msg10 = "Select the secondary document you wish to submit<BR>";

}

**if** (!primary.equals("--Select Primary Document--") && primary.equals(secondary)) {

**this**.msg10 = "Primary and Secondary Documents Cannot be Same<BR>";

}

**if**(**this**.msg1.equals("") && **this**.msg2.equals("") && **this**.msg3.equals("") && **this**.msg4.equals("")

&& **this**.msg5.equals("") && **this**.msg6.equals("") && **this**.msg7.equals("") && **this**.msg8.equals("")

&& **this**.msg9.equals("") && **this**.msg10.equals("")){

**return** **true**;

}

**return** **false**;

}

**public** **boolean** verify(String email,String code){

**int** c = Integer.*parseInt*(code);

**int** hash = email.hashCode() ;

**if**(c == hash ){

**return** **true**;

}

**return** **false**;

}

}

form.jsp – itext code

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

pageEncoding=*"ISO-8859-1"*%>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"* %>

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/sql"* prefix=*"sql"* %>

<%@page import=*"com.lowagie.text.\*"* %>

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

<%@page import=*"com.lowagie.text.pdf.\*"* %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%

Font blueFont = FontFactory.getFont(FontFactory.HELVETICA, 8, Font.NORMAL, **new** CMYKColor(255, 0, 0, 0));

Font redFont = FontFactory.getFont(FontFactory.COURIER, 12, Font.BOLD, **new** CMYKColor(0, 0, 0, 0));

Font yellowFont = FontFactory.getFont(FontFactory.COURIER, 14, Font.BOLD, **new** CMYKColor(0, 0, 0, 0));

Document document = **new** Document();

response.setContentType("application/pdf");

PdfWriter.getInstance(document, response.getOutputStream());

document.open();

PdfPTable table=**new** PdfPTable(3);

PdfPCell cell = **new** PdfPCell (**new** Paragraph ("KHATEEB INSTITUTE OF TECHNICAL EDUCATION\n " +"\n" + "203, Landmark Bldg,Next to Ganjawaala Petrol Pump, s.v.road Borivali(west) \n "));

cell.setColspan (3);

cell.setHorizontalAlignment (Element.ALIGN\_CENTER);

cell.setPadding (17.0f);

cell.bottom(10.0f);

table.addCell(cell);

**float**[] f = {200f,500f,200f};

table.setTotalWidth(f);

table.addCell("Candidate ID Number");

table.setSplitRows(**true**);

table.addCell(" ");

table.addCell("");

table.addCell("First Name\n" + " ");

table.setSplitRows(**true**);

table.addCell("" + request.getAttribute("fname").toString().toUpperCase());

table.addCell("");

table.addCell("Middle Initial\n" + " ");

table.addCell("" + request.getAttribute("mname").toString().toUpperCase().substring(0, 1));

table.addCell("");

table.addCell("Last Name\n" + " ");

table.addCell("" + request.getAttribute("lname").toString().toUpperCase());

table.addCell("");

table.addCell("Mobile No.\n" + " ");

table.addCell("" + request.getAttribute("contact1") + " Contact2:");

table.addCell("" + request.getAttribute("contact2"));

table.addCell("Email ID\n" + " ");

table.addCell(""+ request.getAttribute("email").toString());

table.addCell("");

table.addCell("Address\n" + "\n" +"This is the address where certificate will be mailed");

table.addCell("" + request.getAttribute("address").toString());

table.addCell("");

table.addCell("City\n" + " ");

table.addCell("Mumbai " + "State:");

table.addCell("Maharashtra");

table.addCell("Country\n" + " ");

table.addCell("India");

table.addCell("");

table.addCell("College Name\n" + " ");

table.addCell("" + request.getAttribute("college").toString());

table.addCell("");

table.addCell("Indentification\n" + "Documents");

table.addCell("1." + request.getAttribute("primary").toString() + "\n\n2." + request.getAttribute("secondary").toString());

table.addCell("");

table.setSpacingBefore(30.0f); // Space Before table starts,like margin-top in CSS

table.setSpacingAfter(30.0f);

document.add(table);// Space After table starts, like margin-Bottom in CSS

PdfPTable table1=**new** PdfPTable(6);

PdfPCell cell1 = **new** PdfPCell (**new** Paragraph ("Exam Details"));

cell1.setColspan(6);

cell1.setHorizontalAlignment (Element.ALIGN\_CENTER);

cell1.setPadding (10.0f);

cell1.bottom(1.0f);

table1.addCell(cell1);

**float**[] f1 = {120f,140f,220f,170f,170f,160f};

table1.setTotalWidth(f1);

table1.addCell("Test No.");

table1.setSplitRows(**true**);

table1.addCell("Language");

table1.addCell("Test Description");

table1.addCell("Exam Date\n" + "(Dd/Mm/Yy)" );

table1.addCell("Voucher No.\n" + "\\" + "Credit basis");

table1.addCell("Voucher \n" + "\\" +"Expiry Date");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

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table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.addCell(" \n " + " ");

table1.setSpacingBefore(30.0f); // Space Before table starts,like margin-top in CSS

table1.setSpacingAfter(30.0f);

document.add(table1);// Space After table starts, like margin-Bottom in CSS

document.add(**new** Paragraph(" Candidate must carry original identification documents to the exam for verification. \n\n" +

"Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_" ));

document.close();

%>

</body>

</html>

**Account.java - Model**

package com.model;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

public class Account {

String password ="";

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

String driver="com.mysql.jdbc.Driver";

String user = "root";

String dbname=" kite";

Connection con;

private void dbConnect() throws ClassNotFoundException, SQLException{

Class.forName(driver);

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

}

private void dbClose() throws SQLException{

con.close();

}

public boolean checkMail(String email) throws Exception{

dbConnect();

int count = 0 ;

String sql="select email from student where email = ?";

PreparedStatement pstmt = con.prepareStatement(sql);

pstmt.setString(1, email);

ResultSet rst = pstmt.executeQuery();

while(rst.next()){

count =1;

}

pstmt.close();rst.close();

dbClose();

if(count == 1){

return true;

}

else{

return false;

}

}

public void insertStudent(String fname, String mname, String lname,String email, String contact1,String contact2, String college, String address, String primary,String secondary) throws Exception{

dbConnect();

String sql = "insert into student(fname,mname,lname,email,contact1,contact2,college,address,prim,secondary) values (?,?,?,?,?,?,?,?,?,?)";

PreparedStatement pstmt = con.prepareStatement(sql);

pstmt.setString(1, fname);

pstmt.setString(2, mname);

pstmt.setString(3, lname);

pstmt.setString(4, email);

pstmt.setString(5, contact1);

pstmt.setString(6, contact2);

pstmt.setString(7, college);

pstmt.setString(8, address);

pstmt.setString(9, primary);

pstmt.setString(10, secondary);

pstmt.executeUpdate();

pstmt.close();

dbClose();

}

}