

```

<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:context="http://www.springframework.org/schema/context"
xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.0.xsd">

<!-- To enable @Controller, @Service, @Component, @Repository annotation --
>

<context:component-scan base-package="com"></context:component-scan>

<bean class="org.springframework.jdbc.datasource.DriverManagerDataSource"
id="ds" scope="singleton">
<property name="driverClassName"
value="com.mysql.cj.jdbc.Driver"></property>
<property name="url"
value="jdbc:mysql://localhost:3306/phase3_db"></property>
<property name="username" value="root"></property>
<property name="password" value="Un$ammu#2982"></property>
</bean>

<bean class="org.springframework.jdbc.core.JdbcTemplate" id="jdbcTemplate"
scope="singleton">
<property name="dataSource" ref="ds"></property>
</bean>

</beans>

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd" id="WebApp_ID"
version="2.5">
<display-name>SpringMVCLoginAppUsingJdbcTemplate</display-name>
<welcome-file-list>
<welcome-file>login.jsp</welcome-file>
</welcome-file-list>
<servlet>
<servlet-name>dispatcher</servlet-name>
<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-
class>
</servlet>
<servlet-mapping>
<servlet-name>dispatcher</servlet-name>
<url-pattern>/</url-pattern>
</servlet-mapping>
</web-app>

```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h2>Failure try once again</h2>
<%@include file="login.jsp" %>
</body>
</html>
```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
out.print(request.getAttribute("msg"));
%>
<h3>Account Create</h3>
<form action="SignUp" method="post">
<label>EmailId</label>
<input type="email" name="emailid"/><br/>
<label>Password</label>
<input type="password" name="password"/><br/>
<input type="submit" value="SignUp"/>
<input type="reset" value="reset"/>
</form>
<br/>
<a href="login.jsp">Login!</a>
</body>
</html>
```

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h2>Welcome to Home Page</h2>
</body>
</html>
```

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!--DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h2>Failure try once again</h2>
<%@include file="login.jsp" %>
</body>
</html>

```

```

package com.bean;

```

```

import org.springframework.context.annotation.Scope;
import org.springframework.stereotype.Component;

```

```

@Component
@Scope("prototype")
public class Login {
    private String emailid;
    private String password;

    public String getEmailid() {
        return emailid;
    }

    public void setEmailid(String emailid) {
        this.emailid = emailid;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    @Override
    public String toString() {
        return "Login [emailid=" + emailid + ", password=" + password + "]";
    }
}

```

```

package com.dao;

```

```

import java.util.List;
import java.util.Map;

```

```

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.JdbcTemplate;
import org.springframework.stereotype.Repository;

```

```

import com.bean.Login;

```

```

@Repository
public class LoginDao {

    @Autowired
    JdbcTemplate jdbcTemplate;

    public int signUp(Login login) {

        try {
            return jdbcTemplate.update("insert into login
            values(?,?)",login.getEmailid(),login.getPassword());
        } catch (Exception e) {
            System.err.println(e);
            return 0;
        }
    }

    public int signIn(Login login) {
        try {
            List<Map<String, Object>> ll=jdbcTemplate.queryForList("select * from login
            where emailid=? and password=?", login.getEmailid(),login.getPassword());
            return ll.size();
        } catch (Exception e) {
            System.err.println(e);
            return 0;
        }
    }
}
package com.service;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.bean.Login;
import com.dao.LoginDao;

@Service
public class LoginService {

    @Autowired
    LoginDao loginDao;

    public String signUp(Login login) {
        System.out.println("Before reverse "+login.getPassword());
        StringBuffer reversePassword = new StringBuffer(login.getPassword());//
        umera@123
        login.setPassword(reversePassword.reverse().toString());
        //321@aremu
        System.out.println("After reverse "+login.getPassword());
        if(loginDao.signUp(login)>0) {
            return "Account created successfully";
        } else {
            return "Account didn't create";
        }
    }
}

```

```

public String signIn(Login login) {
    System.out.println("Before reverse "+login.getPassword());
    StringBuffer reversePassword = new StringBuffer(login.getPassword()); //
    umer@123
    login.setPassword(reversePassword.reverse().toString());
    //321@aremu
    System.out.println("After reverse "+login.getPassword());
    if(loginDao.signIn(login)>0) {
        return "success";
    } else {
        return "failure";
    }
}

}

package com.controller;

import javax.servlet.http.HttpServletRequest;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.servlet.ModelAndView;

import com.bean.Login;
import com.service.LoginService;

@Controller
public class LoginController {

    @Autowired
    LoginService loginService;

    @RequestMapping(value = "SignUp",method = RequestMethod.POST)
    public ModelAndView signUp(HttpServletRequest req, Login ll) { // DI for
    HttpServletRequest and Login
    String emailid = req.getParameter("emailid");
    String password = req.getParameter("password");

    ll.setEmailid(emailid);
    ll.setPassword(password);

    ModelAndView mav = new ModelAndView();

    String result = loginService.signUp(ll);

    mav.addObject("msg", result);

    mav.setViewName("signUp.jsp");
}

```

```
return mav;
}

@RequestMapping(value = "SignIn",method = RequestMethod.POST)
public ModelAndView signIn(HttpServletRequest req, Login ll) {

    String emailid = req.getParameter("emailid");
    String password = req.getParameter("password");

    ll.setEmailid(emailid);
    ll.setPassword(password);

    ModelAndView mav = new ModelAndView();

    String result = loginService.signIn(ll);

    if(result.equalsIgnoreCase("success")) {
        mav.setViewName("Home.jsp");
    }else {
        mav.setViewName("failure.jsp");
    }

    return mav;
}
}
```