

# JavaEE课程实验报告

## 实验报告

课程名：基于*JavaEE*框架的应用开发

专业：软件一班

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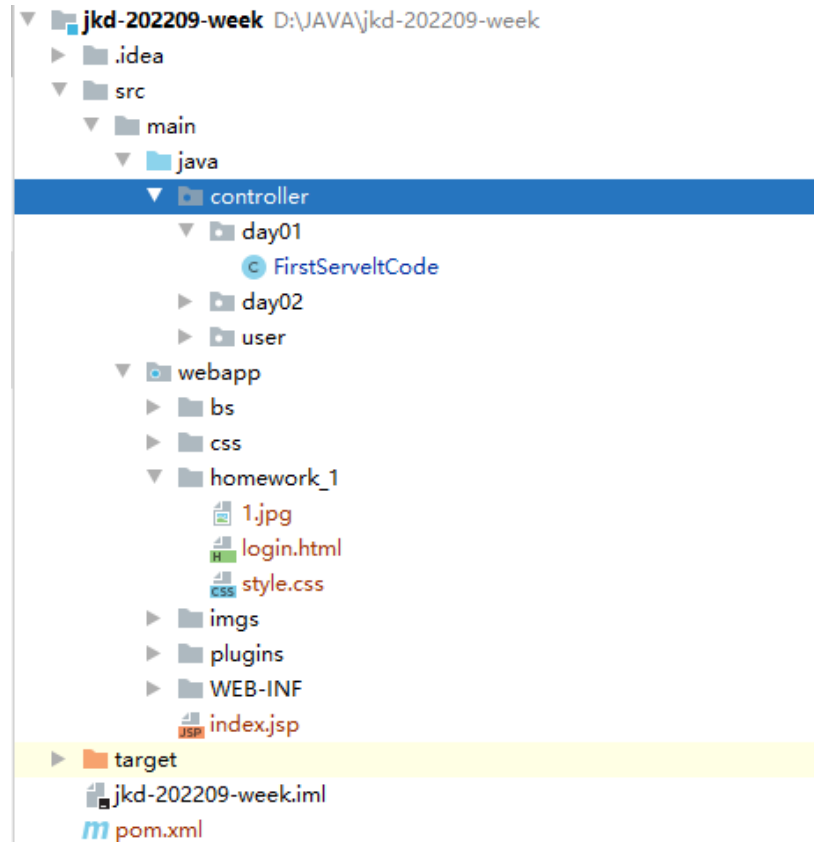


# 实验一

## 一、实验内容

localhost:8888/dev/user/login      打印一个非常好看的登录界面出来

## 一、项目结构



## 三、实验代码

文件名"FirstServletCode.java"

```
1 package controller.day01;
2
3 import javax.servlet.*;
4 import java.io.*;
5 import java.io.IOException;
6 import java.io.PrintWriter;
7
8 public class FirstServletCode implements Servlet {
9
10
11     @Override
12     public void init(ServletConfig servletConfig) throws ServletException {
13
14     }
```

```

15     @Override
16     public ServletConfig getServletConfig() {
17         return null;
18     }
19
20     @Override
21     public void service(ServletRequest req, ServletResponse resp) throws ServletE
22 xception, IOException {
23         //          //1. 设置文档的类型
24         resp.setContentType("text/html;charset=utf-8");
25         //          //2. 获取文档输出流
26         PrintWriter out = resp.getWriter();
27         //          //3. 直接输出内容到网页
28         //前端代码和java后端代码耦合在一块儿了。
29         FileInputStream ip = new FileInputStream("src/main/webapp/homework_1/login.html");
30         BufferedReader rd = new BufferedReader(new InputStreamReader(ip));
31         String str = null;
32         while ((str = rd.readLine()) != null)
33         {
34             out.println(str);
35         }
36         ip.close();
37         rd.close();
38     }
39
40     @Override
41     public String getServletInfo() {
42         return null;
43     }
44
45     @Override
46     public void destroy() {
47     }
48 }
49

```

文件名"web.xml": 新增映射路径

```

1 <servlet-mapping>
2     <servlet-name>FirstServletCode</servlet-name>
3     <url-pattern>/first</url-pattern>
4 </servlet-mapping>

```

文件名"login.html"

```

1 <!DOCTYPE html>
2 <html>
3     <head>
4         <meta charset="utf-8">
5         <title></title>
6         <link rel="stylesheet" type="text/css" href="/dev/homework_1/style
e.css"/>
7     </head>
8     <body>
9         <div class="Body">
10
11             <div class="login">
12                 <h2 class="header">Login</h1>
13                 <div class="form1">
14                     <p class="p-input">
15                         <input type="text" id="num" place
holder="tel/e-mail/account"/>
16                     </p>
17                     <p class="p-input">
18                         <input type="password" id="pwd" p
laceholder="password"/>
19                     </p>
20                 </div>
21                 <button type="button" class="btn">login</button>
22                 <div>
23                     </div>
24             </div>
25         </body>
26 </html>
27

```

文件名"style.css"

```

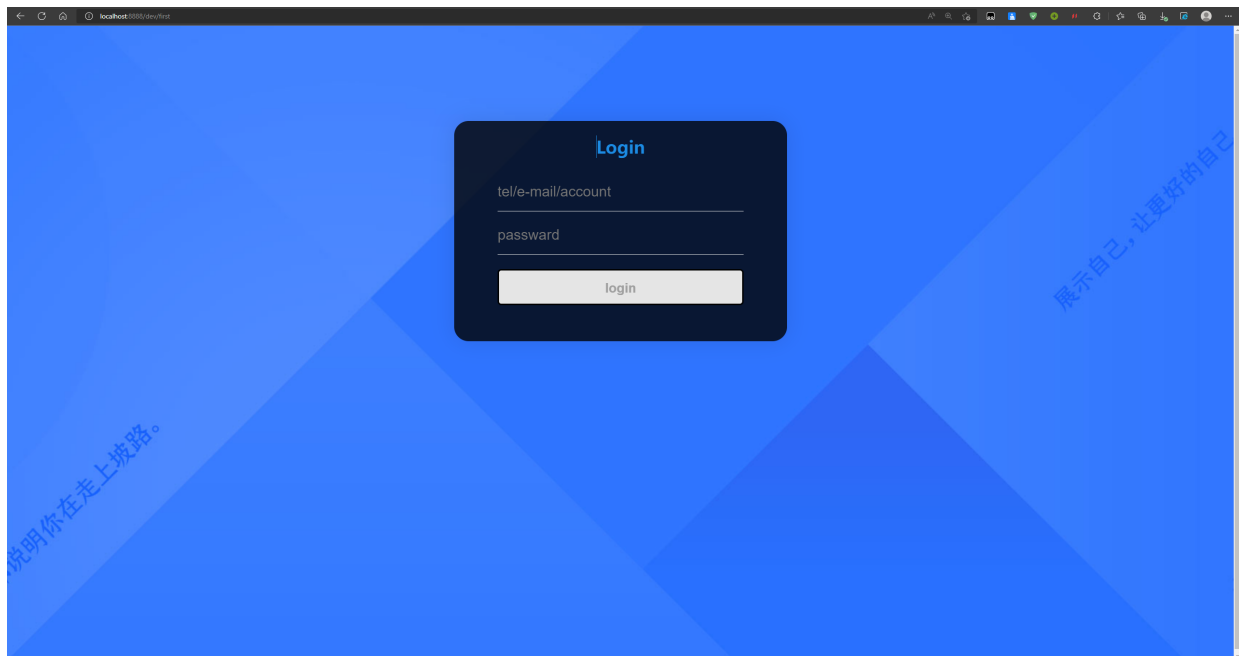
1 *{
2     margin: 0;
3     padding: 0;
4     box-sizing: border-box;
5 }
6 .Body{
7     padding-top: 200px;
8     height: 886px;
9     background: url(1.jpg) no-repeat center;
10 }
11 .login{
12     background-color: rgba(0,0,0,0.8);
13     width: 460px;
14     left: 50%;

```

```
15     margin-left: -230px;
16     border-radius: 20px;
17     box-shadow: 0 0 30px rgba(0, 0 ,0 ,0.1);
18     padding: 20px 0 30px 0;
19     position: fixed;
20     top: 15%;
21 }
22 .header{
23     color: #1C8BE3;
24     text-align: center;
25     padding: 0px 0px 30px 0px;
26 }
27 .p-input{
28     padding: 5px 0;
29     height: 44px;
30     box-sizing: border-box;
31     border-bottom: 1px solid #e5e5e5;
32     width: 340px;
33     margin: 0 auto 16px;
34     line-height: 14px;
35     display: block;
36 }
37 .p-input input{
38     z-index: 5;
39     top: 13px;
40     width: 340px;
41     background-color: transparent;
42     font-size: 20px;
43     outline: none;
44     border: none;
45     color: whitesmoke;
46 }
47 .form1 .num{
48     outline: none;
49     border: none;
50     z-index: 5;
51     position: absolute;
52     top: 13px;
53     width: 340px;
54     background-color: transparent;
55     font-size: 20px;
56 }
57 .form1 .pass{
58     font-size: 14px;
59     position: absolute;
60     display: inline-block;
61     color: #cacaca;
62     top: 22px;
63 }
64 span{
```

```
65     position: absolute;
66     color: #ea5d5f;
67     font-size: 12px;
68     right: 0;
69     top: 22px;
70     z-index: 9;
71 }
72 .btn{
73     color: #a0a0a0;
74     background-color: #e5e5e5;
75     font-size: 18px;
76     font-weight: bold;
77     border-radius: 5px;
78     width: 340px;
79     height: 50px;
80     line-height: 50px;
81     text-align: center;
82     margin: 20px auto;
83     display: block;
84     transition: background-color 1s,color 1s;
85 }
86 .btn:hover{
87     background-color: #24C628;
88     color: whitesmoke;
89 }
```

## 四、实验截图

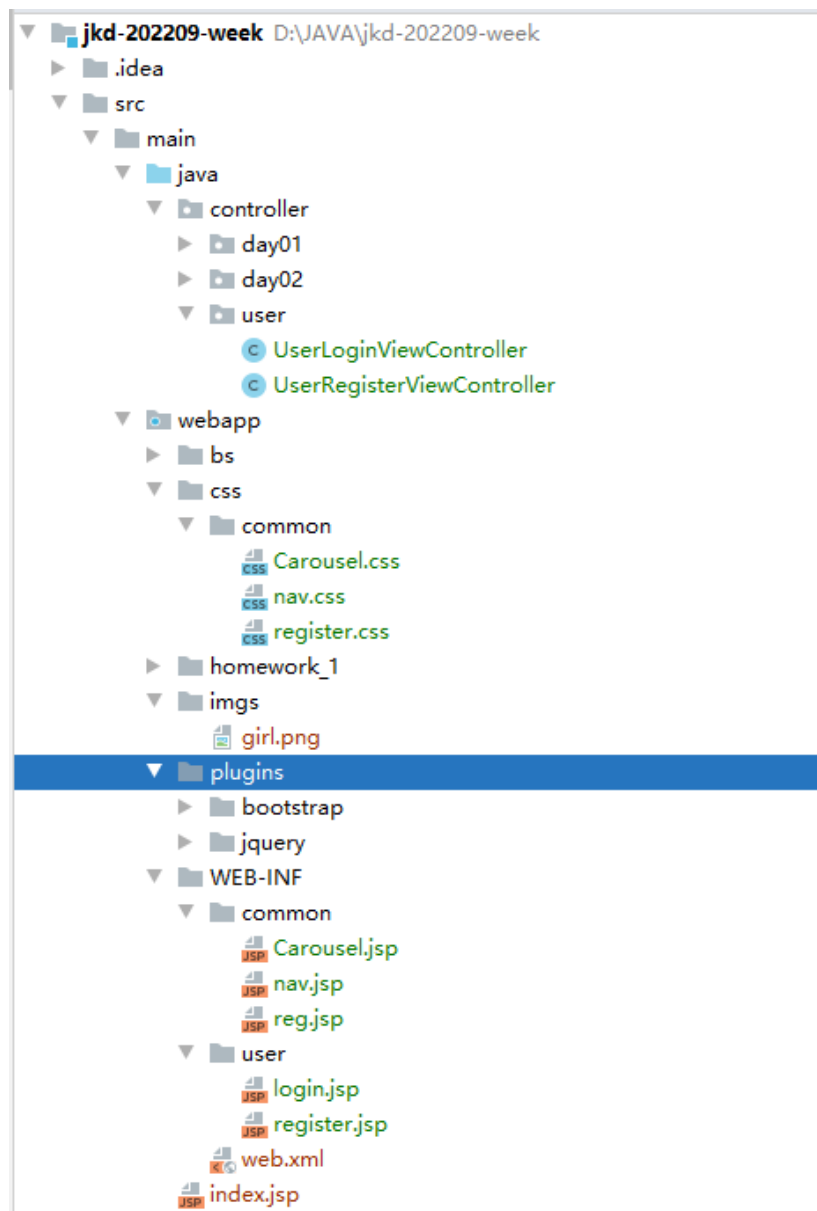


## 实验二

### 一、实验内容

1. mysql安装成功的界面截图
2. 完成华米商城的首页
  - 2-1. 导航
  - 2-2. 轮播
  - 2-3. 缩略图 - 图文并茂的首页信息的展示
  - 2-4. 自由发挥

### 二、项目结构



### 三、实验代码

#### main/java/controller/user 文件夹下:

文件名"UserLoginViewController.java":

用于跳转到华米商城首页(/user/index)

```
1 package controller.user;
2
3 import javax.servlet.ServletException;
4 import javax.servlet.annotation.WebServlet;
5 import javax.servlet.http.HttpServlet;
6 import javax.servlet.http.HttpServletRequest;
7 import javax.servlet.http.HttpServletResponse;
8 import java.io.IOException;
9
10 @WebServlet("/user/index")
11 public class UserLoginViewController extends HttpServlet {
12     @Override
13     protected void service(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {
14         req.getRequestDispatcher("/WEB-INF/user/login.jsp").forward(req, resp);
15     }
16 }
```

文件名"UserRegisterViewController.java":

用于跳转到华米商城登录页面(/user/register)

```
1 package controller.user;
2
3 import javax.servlet.ServletException;
4 import javax.servlet.annotation.WebServlet;
5 import javax.servlet.http.HttpServlet;
6 import javax.servlet.http.HttpServletRequest;
7 import javax.servlet.http.HttpServletResponse;
8 import java.io.IOException;
9
10 @WebServlet("/user/register")
11 public class UserRegisterViewController extends HttpServlet {
12     @Override
13     protected void service(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {
14         req.getRequestDispatcher("/WEB-INF/user/register.jsp").forward(req, resp);
15     }
16 }
```



```
15     }  
16 }
```

## main/webapp/css/common文件夹下:

文件名"Carousel.css":

用于设置轮播图样式

```
1 .carousel-inner img {  
2     width: 100%;  
3     height: 100%;  
4 }
```

文件名"nav.css":

用于设置导航栏样式

```
1 #head_img{  
2     height: 50px;  
3     width: 50px;  
4     border-radius: 50%;  
5     padding: 5px;  
6 }
```

文件名"register.css":

用于设置登录页面（register）样式

```
1 .vertical-center {  
2     min-height: 100%;  
3     min-height: 100vh;  
4     display: flex;  
5     align-items: center;  
6 }
```

## main/webapp/WEB-INF/common文件夹下:

文件名"Carousel.jsp":

轮播图组件

```

1 <%@ page contentType="text/html; charset=UTF-8" language="java" %>
2 <div id="myCarousel" class="carousel slide">
3     <!-- 轮播 (Carousel) 指标 -->
4     <ol class="carousel-indicators">
5         <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
6         <li data-target="#myCarousel" data-slide-to="1"></li>
7         <li data-target="#myCarousel" data-slide-to="2"></li>
8     </ol>
9     <!-- 轮播 (Carousel) 项目 -->
10    <div class="carousel-inner">
11        <div class="item active">
12            
14        </div>
15        <div class="item">
16            
18        </div>
19        <div class="item">
20            
22        </div>
23    </div>
24    <!-- 轮播 (Carousel) 导航 -->
25    <a class="left carousel-control" href="#myCarousel" role="button" data-slide=
26    "prev">
27        <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
28        <span class="sr-only">Previous</span>
29    </a>
30    <a class="right carousel-control" href="#myCarousel" role="button" data-slide
31    ="next">
32        <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
33        <span class="sr-only">Next</span>
34    </a>
35 </div>
36
37
38
39
40

```

文件名"Carousel.jsp":

导航栏组件

```

1 <%@ page contentType="text/html; charset=UTF-8" language="java" %>
2 <div class="container-fluid">
3     <div class="row">
4         <nav class="navbar navbar-inverse" role="navigation">
5             <div class="container-fluid">
6                 <div class="navbar-header">

```

```

7         <button type="button" class="navbar-toggle" data-toggle="coll
  apse"
8             data-target="#example-navbar-collapse">
9             <span class="sr-only">切换导航</span>
10            <span class="icon-bar"></span>
11            <span class="icon-bar"></span>
12            <span class="icon-bar"></span>
13        </button>
14        <a class="navbar-brand" href="#">华米商城</a>
15    </div>
16    <div class="collapse navbar-collapse" id="example-navbar-collaps
  e">
17        <ul class="nav navbar-nav navbar-right">
18            <li class="active"><a href="/dev/user/index">首页</a></li>
19            <li><a href="#">我的购物车</a></li>
20            <li><a href="#">我的订单</a></li>
21            <li><a href="/dev/user/register">登录</a></li>
22            <li><a href="#">安全退出</a></li>
23            <li></li>
24        </ul>
25    </div>
26 </nav>
27 </div>
28 </div>
29

```

文件名"reg.jsp":

注册登录组件

```

1  <%@ page contentType="text/html; charset=UTF-8" language="java" %>
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <title>登录</title>
9      <!-- 引入Bootstrap 和 jQuery -->
10     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/3.
  4.1/css/bootstrap.min.css" integrity="sha384-HSMxcRTRxN+Bd0@JdxbYKrThec0KuH5zCYo
  tLSAcp1+c8xmyTe9GYg1l9a69psu" crossorigin="anonymous">
11     <script src="https://cdn.bootcdn.net/ajax/libs/jquery/3.6.0/jquery.js"></scri
  pt>
12     <link rel="stylesheet" href="/dev/css/common/register.css">
13     <style>
14         .login {

```

```

14         text-align: center;
15         opacity: 0.8;      /* 设置透明度*/
16     }
17     body {
18         background-repeat: no-repeat;
19         /* 背景图来自百度 */
20         background-position: center 0;
21         background-attachment: fixed;
22         background-size: cover;
23         -webkit-background-size: cover;
24         -o-background-size: cover;
25         -moz-background-size: cover;
26         -ms-background-size: cover;
27     </style>
28 </head>
29 <body>
30 <div class="login vertical-center">
31     <div class="modal-dialog">
32         <form method="POST" method="."> <!-- 表单 -->
33         <div class="modal-content">
34             <div class="modal-header">
35                 <!-- 登录面板标题 -->
36                 <h3 class="modal-title text-center" id="myModalLabel">登录账户
37 </h3>
38             </div>
39             <div class="modal-body" id="modal-body">
40                 <!-- 错误信息可以在这个p标签中输出 -->
41                 <p style="color: red;" class="error"></p>
42                 <div class="form-group has-feedback">
43                     <input type="text" id="username" class="form-control" pla
44 ceholder="用户名" autocomplete="off">
45                     <span class="glyphicon glyphicon-user form-control-feedba
46 ck"></span>
47                 </div>
48                 <div class="form-group has-feedback">
49                     <input type="password" id="password" class="form-control"
50 placeholder="密码" autocomplete="off">
51                     <span class="glyphicon glyphicon-lock form-control-feedba
52 ck"></span>
53                 </div>
54                 <p>登录完成后，您就可以享受用户基本的权益了。</p>
55             </div>
56             <div class="modal-footer">
57                 <!-- 操作按钮 -->
58                 <div class="form-group">
59                     <button type="button" class="btn btn-primary">登录</butto
60 n>
61                     <a class="btn btn-default" href="#">注册</a>
62                     <button type="button" class="btn btn-danger" onclick="win
63 dow.location.href='/'; return false;">取消</button>

```

```

58         </div>
59     </div>
60 </div>
61 </form>
62 </div>
63 </div>
64 </body>
65 </html>

```

## main/webapp/WEB-INF/user文件夹下:

文件名"login.jsp":

首页页面，点击登录按钮跳转登录界面

```

1 <%@ page contentType="text/html; charset=UTF-8" language="java" %>
2 <html>
3 <head>
4     <title></title>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link rel="stylesheet" href="/dev/plugins/bootstrap/css/bootstrap.css">
8     <link rel="stylesheet" href="/dev/css/common/nav.css">
9     <style>
10         #login_div{
11             box-shadow: 2px 2px 8px #999;
12             border-radius: 10px;
13             margin-top: 80px;
14         }
15     </style>
16 </head>
17 <body>
18 <!-- 导航 -->
19 <%@include file="../common/nav.jsp"%>
20 <!-- 轮播图 -->
21 <%@include file="../common/Carousel.jsp"%>
22 <script src="/dev/plugins/jquery/jquery.min.js"></script>
23 <script src="/dev/plugins/bootstrap/js/bootstrap.js"></script>
24 </body>
25 </html>
26

```

文件名"register.jsp":

登录页面，点击首页按钮跳转首页界面

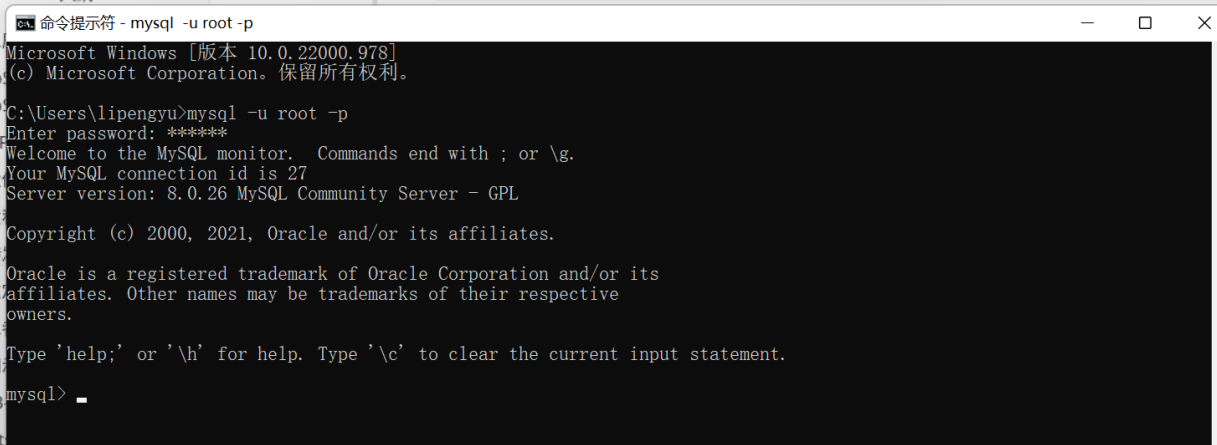
```

1 <%@ page contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" language="java" %>
2 <html>
3 <head>
4     <title></title>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link rel="stylesheet" href="/dev/plugins/bootstrap/css/bootstrap.css">
8     <link rel="stylesheet" href="/dev/css/common/nav.css">
9     <link rel="stylesheet" href="/dev/css/common/Carousel.css">
10 </head>
11 <body>
12 <!-- 导航 -->
13 <%@include file="../common/nav.jsp"%>
14 <!-- 登录 -->
15 <%@include file="../common/reg.jsp"%>
16 <script>
17     var li=document.getElementsByTagName("li");
18     console.log(li);
19     for(var i=0;i<li.length;i++) {li[i].className="";}
20     li[3].className="active";
21     console.log(li);
22 </script>
23 <script src="/dev/plugins/jquery/jquery.min.js"></script>
24 <script src="/dev/plugins/bootstrap/js/bootstrap.js"></script>
25 </body>
26 </html>

```

## 四、实验截图

### 1.musql成功安装截图



```

命令提示符 - mysql -u root -p
Microsoft Windows [版本 10.0.22000.978]
(c) Microsoft Corporation。保留所有权利。

C:\Users\lipengyu>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.26 MySQL Community Server - GPL

Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

```

### 2.项目截图



<

# nova 10 Pro

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V1-V5限时优惠150元 | 赠华为手环

¥ 3699 起 [立即购买](#)

Powered by  
HarmonyOS

>



<

# 在秋光里与美好相遇

美食酒饮限时特惠

[前往专场](#)

>

登录账户

用户名

密码

登录完成后，您就可以享受用户基本的权益了。

登录

注册

取消