day45-实战项目第四天

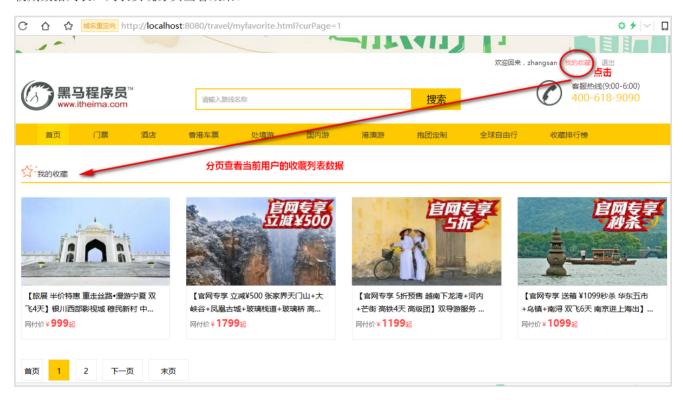
学习目标

- 1. 能够完成查看我的收藏案例
- 2. 能够完成分页查看收藏排行榜页面案例
- 3. 能够完成收藏排行榜多条件筛选分页案例

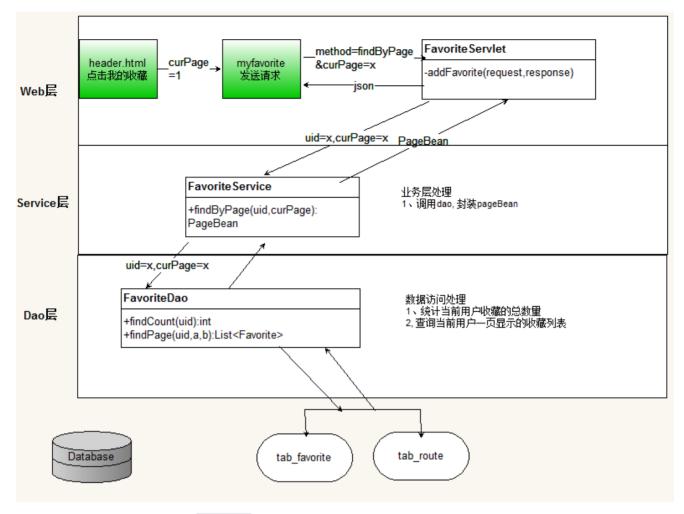
案例一:查看我的收藏

一,案例需求

用户登录后,点击顶部登录信息位置"我的收藏",进入myfavorite.html我的收藏列表页面,显示登录用户所有收藏数据列表,列表实现分页查看效果。



二.思路分析



1. 在header.html里面, 修改 我的收藏 的链接

我的收藏

2. 在myfavorite.html页面里面

获得当前页码 发送Ajax请求服务器 \$.post("favorite", {method:"findByPage",curPage:curPage}...);

3. 在FavoriteServlet里面创建findByPage, 在findByPage方法里面

//1.获得请求参数(curPage),获得当前用户的uid //2.调用业务,获得我的收藏的分页的数据 PageBean<Favorite> //3.封装ResultInfo,响应数据

4. 在FavoriteService里面 创建findByPage(int curPage, int uid)

调用Dao, 封装PageBean

- 5. 在FavoriteDao
- 三,代码实现

• 在header.html给我的收藏添加超链接

• myfavorite.html

```
<script>
       //1. 获得当前页码
       var curPage = getParameter("curPage");
       //2.发送Ajax请求服务器
       $.post("favorite",{method:"findByPage",curPage:curPage},function (result) {
           if (result.flag){
              var pageBean = result.data;
              //a.填充收藏线路的list
              var list = pageBean.list;
              var listHtml = "";
              for(var i = 0; i < list.length;i++){</pre>
                  var favorite = list[i];
                  listHtml +=" <div class=\"col-md-3\">\n" +
                                                        <a href=\"jroute detail.html\">\n" +
                                                            <img
src=\""+favorite.route.rimage+"\" alt=\"\">\n" +
                                                            <div class=\"has_border\">\n" +
                                                                <h3>"+favorite.route.rname+"
</h3>\n" +
                                                                <div class=\"price\">网付价
<em>\\u00e4</em><\trong>\\u00e4+\u00e4</strong>\\u00e4em>\u00e4</em><\div>\n\\u00e4
                                                            </div>\n" +
                                                         </a>\n" +
                                                     </div>";
              }
              $(".tab-content .tab-pane .row").html(listHtml);
              //b 填充分页导航
              //首页
              var pageHtml = "<a href=\"myfavorite.html?curPage=1\">首页</a>";
              //上一页
              if (pageBean.curPage > 1){
                  pageHtml += " <a href=\"myfavorite.html?curPage="+</pre>
(pageBean.curPage-1)+"\">上一页</a>";
              }
              //中间页码
              for(var i = 1; i <= pageBean.sumPage;i++){</pre>
                  if (pageBean.curPage == i){
                      pageHtml += " <a href=\"JavaScript:void(0)\">"+i+"
</a>";
                  }else{
                      pageHtml += " <a href=\"myfavorite.html?curPage="+i+"\">"+i+"</a>
";
                  }
              }
              //下一页
              if (pageBean.curPage < pageBean.sumPage){</pre>
                  pageHtml += "<a href=\"myfavorite.html?curPage="+</pre>
```

```
(pageBean.curPage+1)+"\">下一页</a>";

}

//尾页

pageHtml += "<a href=\"myfavorite.html?curPage="+
(pageBean.sumPage)+"\">末页</a><</li>";

$("#pageUlId").html(pageHtml);

}else{

alert(result.msg);
}
},"json");

</script>
```

• FavoriteServlet.java

```
* 分页查询我的收藏
    * @param request
    * @param response
   public void findByPage(HttpServletRequest request, HttpServletResponse response) throws
IOException {
       String data = null;
       ResultInfo resultInfo = null;
       ObjectMapper objectMapper = new ObjectMapper();
       try {
           //0. 获得用户的uid
           User user = (User) request.getSession().getAttribute("user");
           int uid = user.getUid();
           //1.获得请求参数 curPage
           int curPage = Integer.parseInt(request.getParameter("curPage"));
           //2.调用业务
           PageBean<Favorite> pageBean =
                                         favoriteService.findByPage(uid,curPage);
           resultInfo = new ResultInfo(true,pageBean,"查询我的收藏成功!");
       } catch (Exception e) {
           e.printStackTrace();
           resultInfo = new ResultInfo(false,null,"查询我的收藏失败!");
       } finally {
           data = objectMapper.writeValueAsString(resultInfo);
           response.getWriter().print(data);
       }
   }
```

• FavoriteService.java

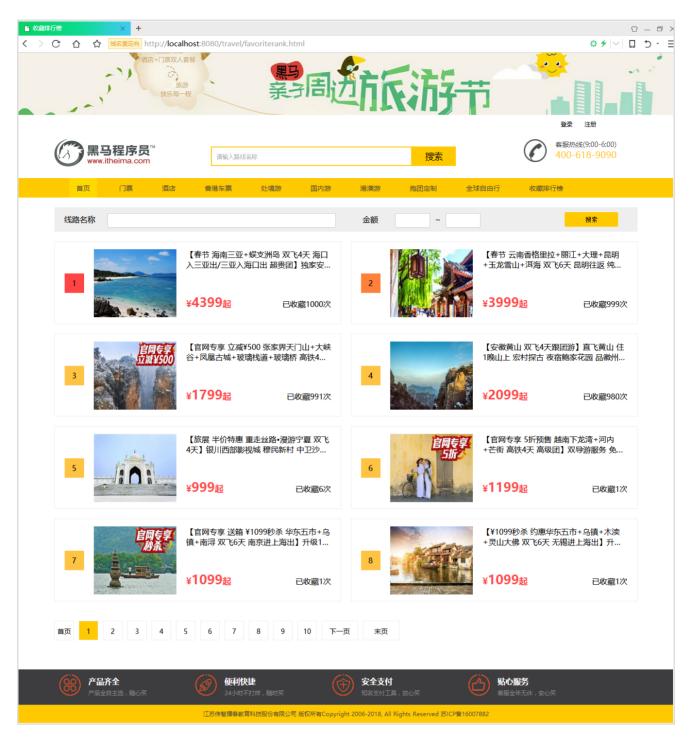
```
* 分页查询我的收藏
 * @param uid
 * @param curPage
 * @return
 */
public PageBean<Favorite> findByPage(int uid, int curPage) throws Exception {
    int curSize = Constants.FAVORITE_CUR_SIZE;
    int count = favoriteDao.findCount(uid);
    int sumPage = 0;
    if(count % curSize == 0){
        sumPage = count / curSize;
    }else{
        sumPage = count / curSize + 1;
    }
    int b = Constants.FAVORITE_CUR_SIZE;
    int a = (curPage -1)*b;
    List<Favorite> list = favoriteDao.findPage(uid,a,b);
    PageBean<Favorite> pageBean = new PageBean<>();
    pageBean.setCurPage(curPage);
    pageBean.setCurSize(curSize);
    pageBean.setCount(count);
    pageBean.setSumPage(sumPage);
    pageBean.setList(list);
    return pageBean;
}
```

• FavoriteDao.java

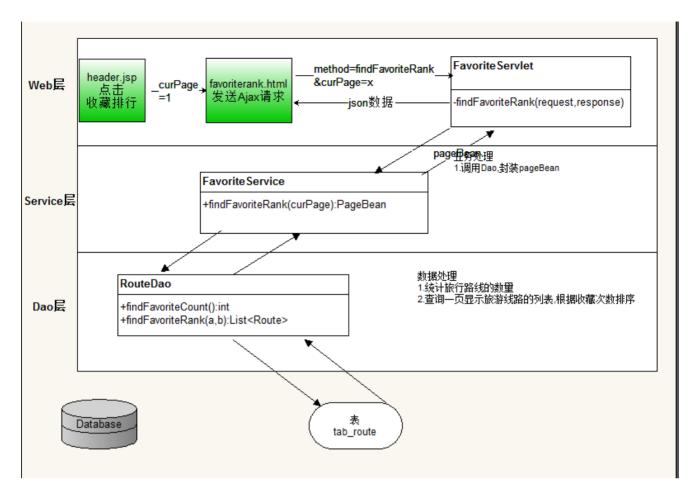
```
* 统计当前用户收藏的总数量
    * @param uid
    * @return
   public int findCount(int uid) throws Exception {
       String sql="SELECT COUNT(*) FROM tab favorite WHERE uid=?";
       return jdbcTemplate.queryForObject(sql,Long.class,uid).intValue();
   }
    * 查询当前用户一页显示的收藏列表
    * @param uid
    * @param a
    * @param b
    * @return
    */
   public List<Favorite> findPage(int uid, int a, int b) throws Exception {
       List<Favorite> list = new ArrayList<>();
       String sql="SELECT * FROM tab_favorite f,tab_route r WHERE f.rid=r.rid AND f.uid=? LIMIT
?,?";
       List<Map<String, Object>> mapList = jdbcTemplate.queryForList(sql, uid, a, b);
       for (Map<String, Object> map : mapList) {
           Favorite favorite = new Favorite();
           BeanUtils.populate(favorite,map);
           Route route = new Route();
           BeanUtils.populate(route,map);
           favorite.setRoute(route);
           list.add(favorite);
       }
       return list;
   }
```

案例二-分页查看收藏排行榜页面

一,案例需求



二,思路分析



三,代码实现

• 在header.jsp给收藏排行榜设置超链接

```
$.post("category", {method:"findAll"}, function (result) {

if (result.flag) {

    //把数据转成JSON对象

    var categoryData = eval(result.data);

var html="<a href=\"index.html\">首页</a>
    $(categoryData).each(function (i,obj) {

        html+="'<a href=\"route_list.html?curPage=l&cid="+obj.cid+"\">"+obj.cid+"\">"+obj.cname+"</a>
    });

    html+="'<a href=\"favoriterank.html?curPage=l\">wmpiffe</a>
    //pul填充内容
    $(".nav").html(html);

}else{
```

• favoriterank.html

```
<script>
   var curPage = getParameter("curPage");
   //发送Aiax请求服务器
   $.post("favorite", {method: "findFavoriteRank", curPage: curPage}, function (result) {
       if (result.flag) {
           var pageBean = result.data;
           //a.更新旅游线路列表
           var listHtml = "";
           var list = pageBean.list;
           for(var i = 0; i < list.length;i++){</pre>
               var route = list[i];
               //是第一页第一个
               if (i == 0 && pageBean.curPage ==1){
                   listHtml += " \n" +
                                        <span class=\"num one\">1</span>\n" +
                       ...
                                        <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                        <h4><a href=\"route_detail.html\">"+route.rname+"</a>
</h4>\n" +
                                       \n" +
                                            <b class=\"price\">&yen;<span>"+route.price+"</span>
起</b>\n" +
                                            <span class=\"shouchang\">"+route.count+"</span>\n"
                                        \n" +
                                    ";
               }else if (i == 1 && pageBean.curPage ==1){//第一页第二个
                   listHtml += "  \n" +
                                        <span class=\"num two\">2</span>\n" +
                                        <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                        <h4><a href=\"route_detail.html\">"+route.rname+"</a>
</h4>\n" +
                                        \n" +
                                            <b class=\"price\">&yen;<span>"+route.price+"</span>
起</b>\n" +
                                            <span class=\"shouchang\">"+route.count+"</span>\n"
                                        \n" +
                                    ";
               }else{
                   var pageNo = (pageBean.curPage-1)*pageBean.curSize+(i+1);
                   listHtml += "  \n" +
                                        <span class=\"num\">"+pageNo+"</span>\n" +
                                        <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                        <h4><a href=\"route_detail.html\">"+route.rname+"</a>
</h4>\n" +
                                        \langle p \rangle n'' +
                                            <b class=\"price\">&yen;<span>"+route.price+"</span>
起</b>\n" +
                                            <span class=\"shouchang\">"+route.count+"</span>\n"
```

```
\n" +
                                 ";
              }
          }
          $("#listUlId").html(listHtml);
          //b.更新分页组件
          //首页
          var pageHtml = "<a class='threeword' href='favoriterank.html?curPage=1'>首页</a>
";
          //上一页(如果当前页码>1,才显示)
          if (pageBean.curPage > 1){
              pageHtml+=" <a href='favoriterank.html?curPage="+</pre>
(pageBean.curPage-1)+"'>上一页</a>";
          }
          var begin;
          var end;
          if (pageBean.sumPage < 10){</pre>
              begin = 1;
              end = pageBean.sumPage;
          }else{
              begin=pageBean.curPage-5;
              end=pageBean.curPage+4;
              if (begin<1){</pre>
                  begin=1;
                  end=10;
              }
              if (end > pageBean.sumPage){
                  end = pageBean.sumPage;
                  begin=pageBean.sumPage-9;
              }
          }
          //中间的页码
          for(var i = begin; i <= end;i++){</pre>
              if (i == pageBean.curPage){
                  pageHtml += "<a href='JavaScript:void(0)'>"+i+"</a>
";
              }else{
                  pageHtml += "<a href='favoriterank.html?curPage="+i+"'>"+i+"</a>";
          }
          //下一页(如果当前页码<总页码,才显示)
          if (pageBean.curPage < pageBean.sumPage){</pre>
              pageHtml +="<a href='favoriterank.html?curPage="+</pre>
```

• FavoriteServlet.java

```
/**
    * 分页查询分页排序榜
    * @param request
    * @param response
    */
   public void findFavoriteRank(HttpServletRequest request, HttpServletResponse response) throws
IOException {
       String data = null;
       ResultInfo resultInfo = null;
       ObjectMapper objectMapper = new ObjectMapper();
       try {
           //1. 获得当前页码
           int curPage = Integer.parseInt(request.getParameter("curPage"));
           //2.调用业务
           PageBean<Route> pageBean = routeService.findFavoriteRank(curPage);
           resultInfo = new ResultInfo(true,pageBean,"收藏排行查询成功!");
       } catch (Exception e) {
           e.printStackTrace();
           resultInfo = new ResultInfo(false,null,"收藏排行查询失败!");
       } finally {
           data = objectMapper.writeValueAsString(resultInfo);
           System.out.println("data=" + data);
           response.getWriter().print(data);
       }
   }
```

• FavoriteService.java

```
private RouteDao routeDao = new RouteDao();
* 分页查询收藏排行
* @param curPage
 * @return
 */
public PageBean<Route> findFavoriteRank(int curPage) throws Exception {
    int curSize = Constants.FAVORITE_RANK_CUR_SIZE;
    int count = routeDao.findFavoriteCount();
    int sumPage = 0;
    if(count % curSize == 0){
        sumPage = count / curSize;
    }else{
        sumPage = count / curSize + 1;
    }
    int b = Constants.FAVORITE_RANK_CUR_SIZE;
    int a = (curPage -1)*b;
    List<Route> list = routeDao.findFavoriteRank(a,b);
    PageBean<Route> pageBean = new PageBean<>();
    pageBean.setCurPage(curPage);
    pageBean.setCurSize(curSize);
    pageBean.setCount(count);
    pageBean.setSumPage(sumPage);
    pageBean.setList(list);
    return pageBean;
}
```

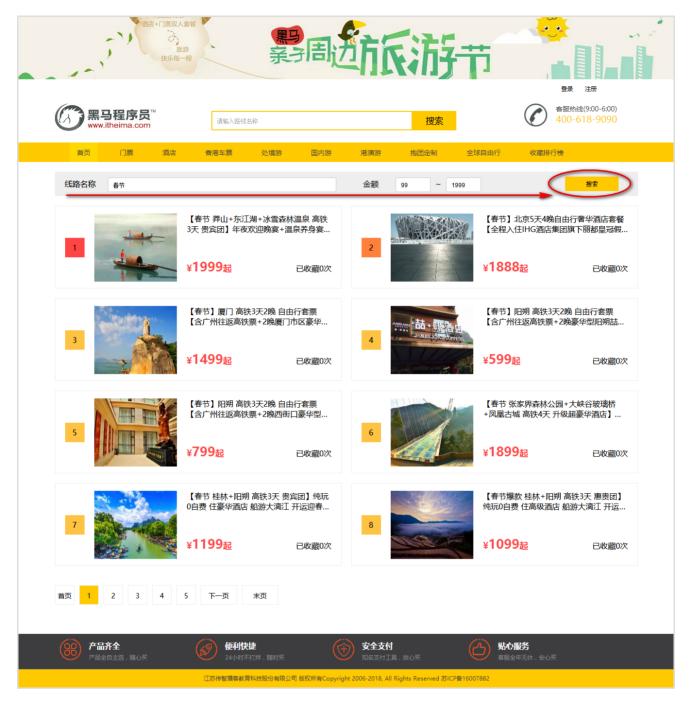
• RouteDao.java

```
* 获取旅游线路收藏排行榜总记录数
 * @return int
 * @throws
public int findFavoriteCount() {
   String sql = "SELECT COUNT(*) FROM tab_route WHERE rflag='1'";
   //执行sql返回一个int整型数据
   return jdbcTemplate.queryForObject(sql,Long.class).intValue();
}
 * 获取旅游线路收藏数量降序的排行榜当前页数据列表
 * @param a
 * @param b
 * @return List<Route>
*/
public List<Route> findFavoriteRank(int a, int b) { //按照收藏数量降序的分页sql语句
   String sql = "SELECT * FROM tab_route WHERE rflag='1' ORDER BY COUNT DESC LIMIT ?,?";
   return jdbcTemplate.query(sql, new BeanPropertyRowMapper<Route>(Route.class),a,b);
}
```

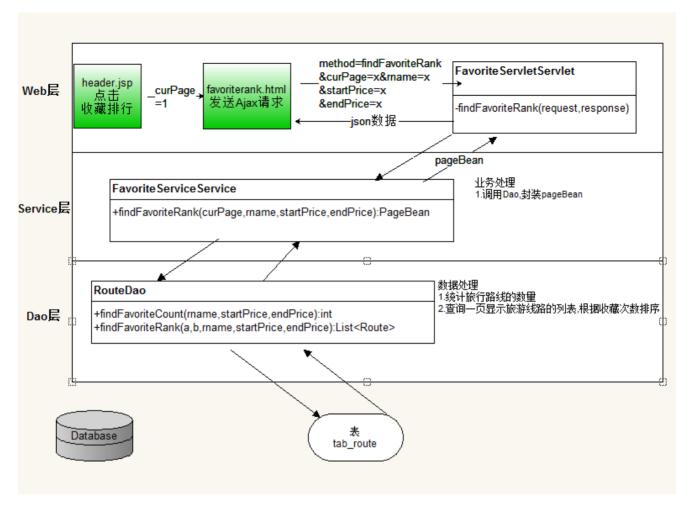
案列三-收藏排行榜多条件筛选分页

一,案例需求

在收藏排行榜页面上根据"线路名称"和"金额范围"条件点击"搜索"按钮进行过滤收藏排行榜数据并显示,显示后的数据依然具有分页功能。



二,思路分析



三,代码实现

• favoriterank.html页面整理

favoriterank.html的findByConditions函数

```
function findByConditions() {
    //获得线路的名称,startPrice,endPrice
    var rname = $("#rNameId").val();
    var startPrice = $("#startPriceId").val();
    var endPrice = $("#endPriceId").val();
    //调用findByPage()
    findByPage(rname,startPrice,endPrice);
}
```

• 把之前写的分页逻辑抽取成findByPage()函数

```
function findByPage(rname, startPrice, endPrice) {
       var curPage = getParameter("curPage");
       //发送Ajax请求服务器
       $.post("favorite", {method: "findFavoriteRank", curPage:
curPage,rname:rname,startPrice:startPrice,endPrice:endPrice}, function (result) {
            if (result.flag) {
                var pageBean = result.data;
               //a. 更新旅游线路列表
                var listHtml = "";
               var list = pageBean.list;
                for(var i = 0; i < list.length;i++){</pre>
                    var route = list[i];
                    //是第一页第一个
                    if (i == 0 && pageBean.curPage ==1){
                        listHtml += "  \n" +
                                             <span class=\"num one\">1</span>\n" +
                                            <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                            <h4><a href=\"route_detail.html\">"+route.rname+"
</a></h4>\n" +
                                            \n" +
                                                 <b class=\"price\">&yen;<span>"+route.price+"
</span>起</b>\n" +
                                                 <span class=\"shouchang\">"+route.count+"
</span>\n" +
                                             \n" +
                                        ";
                    }else if (i == 1 && pageBean.curPage ==1){//第一页第二个
                       listHtml += " \n" +
                                             <span class=\"num two\">2</span>\n" +
                                            <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                             <h4><a href=\"route_detail.html\">"+route.rname+"
</a></h4>\n" +
                                             \langle p \rangle n" +
                                                 <b class=\"price\">&yen;<span>"+route.price+"
</span>起</b>\n" +
                                                 <span class=\"shouchang\">"+route.count+"
</span>\n" +
                                             \n" +
                                         ";
                    }else{
                        var pageNo = (pageBean.curPage-1)*pageBean.curSize+(i+1);
                       listHtml += " \n" +
                                             <span class=\"num\">"+pageNo+"</span>\n" +
                                             <a href=\"route_detail.html\"><img</pre>
src=\""+route.rimage+"\" alt=\"\"></a>\n" +
                                             <h4><a href=\"route_detail.html\">"+route.rname+"
</a></h4>\n" +
                                             \langle p \rangle n" +
                                                 <b class=\"price\">&yen;<span>"+route.price+"
```

```
</span>起</b>\n" +
                                              <span class=\"shouchang\">"+route.count+"
</span>\n" +
                                          \n" +
                                      ":
                  }
               }
               $("#listUlId").html(listHtml);
               //b.更新分页组件
               //首页
               var pageHtml = "<a class='threeword' href='favoriterank.html?</pre>
curPage=1&rname="+rname+"&startPrice="+startPrice+"&endPrice="+endPrice+"'>首页</a>";
               //上一页(如果当前页码>1,才显示)
               if (pageBean.curPage > 1){
                   pageHtml+=" <a href='favoriterank.html?curPage="+</pre>
(pageBean.curPage-1)+"&rname="+rname+"&startPrice="+startPrice+"&endPrice="+endPrice+"'>上一页
</a>";
               }
               var begin;
               var end;
               if (pageBean.sumPage < 10){</pre>
                  begin = 1;
                  end = pageBean.sumPage;
               }else{
                  begin=pageBean.curPage-5;
                   end=pageBean.curPage+4;
                  if (begin<1){</pre>
                      begin=1;
                      end=10;
                  }
                  if (end > pageBean.sumPage){
                      end = pageBean.sumPage;
                      begin=pageBean.sumPage-9;
                  }
               }
               //中间的页码
               for(var i = begin; i <= end;i++){</pre>
                  if (i == pageBean.curPage){
                      pageHtml += "<a href='JavaScript:void(0)'>"+i+"</a>
";
                  }else{
                      pageHtml += "<a href='favoriterank.html?</pre>
curPage="+i+"&rname="+rname+"&startPrice="+startPrice+"&endPrice="+endPrice+"'>"+i+"</a>";
                  }
               }
```

```
//下一页(如果当前页码<总页码,才显示)
              if (pageBean.curPage < pageBean.sumPage){</pre>
                 pageHtml +="<a href='favoriterank.html?curPage="+</pre>
(pageBean.curPage+1)+"&rname="+rname+"&startPrice="+startPrice+"&endPrice="+endPrice+"'>下一页
</a>";
              //末页
              pageHtml +="<a href='favoriterank.html?</pre>
curPage="+pageBean.sumPage+"&rname="+rname+"&startPrice="+startPrice+"&endPrice="+endPrice+"'>末
页</a>";
              //添加到ul
              $("#pageUlId").html(pageHtml);
          } else {
              alert(result.msg);
          }
      }, "json");
   }
```

• FavoriteServlet.java

```
* 分页查询分页排序榜
     * @param request
     * @param response
   public void findFavoriteRank(HttpServletRequest request, HttpServletResponse response) throws
IOException {
       String data = null;
       ResultInfo resultInfo = null;
       ObjectMapper objectMapper = new ObjectMapper();
       try {
           //1. 获得请求参数(当前页码,线路名称,startPrice,endPrice)
           int curPage = Integer.parseInt(request.getParameter("curPage"));
           String rname = request.getParameter("rname");
           String startPrice = request.getParameter("startPrice");
           String endPrice = request.getParameter("endPrice");
           //2.调用业务
           PageBean<Route> pageBean =
favoriteService.findFavoriteRank(curPage,rname,startPrice,endPrice);
           resultInfo = new ResultInfo(true,pageBean,"收藏排行查询成功!");
       } catch (Exception e) {
           e.printStackTrace();
           resultInfo = new ResultInfo(false,null,"收藏排行查询失败!");
       } finally {
           data = objectMapper.writeValueAsString(resultInfo);
           System.out.println("data=" + data);
           response.getWriter().print(data);
       }
   }
```

• FavoriteService.java

```
* 分页查询收藏排行
    * @param curPage
    * @param rname
    * @param startPrice
    * @param endPrice @return
    * */
    public PageBean<Route> findFavoriteRank(int curPage, String rname, String startPrice, String
endPrice) throws Exception {
       int curSize = Constants.FAVORITE RANK CUR SIZE;
       int count = routeDao.findFavoriteCount(rname,startPrice,endPrice);
       int sumPage = 0;
       if(count % curSize == 0){
            sumPage = count / curSize;
       }else{
            sumPage = count / curSize + 1;
       }
       int b = Constants.FAVORITE_RANK_CUR_SIZE;
       int a = (curPage -1)*b;
       List<Route> list = routeDao.findFavoriteRank(a,b,rname,startPrice,endPrice);
       PageBean<Route> pageBean = new PageBean<>();
       pageBean.setCurPage(curPage);
       pageBean.setCurSize(curSize);
       pageBean.setCount(count);
       pageBean.setSumPage(sumPage);
       pageBean.setList(list);
       return pageBean;
   }
```

• RouteDao.java

```
* 统计旅行路线的数量
    * @return
    * @param rname
    * @param startPrice
    * @param endPrice
    */
    public int findFavoriteCount(String rname, String startPrice, String endPrice) throws
Exception{
       String sql = "SELECT COUNT(*) FROM tab route WHERE rflag='1'";
       List<Object> params = new ArrayList<Object>();
       if(rname != null && rname.trim().length() > 0){
           sql +=" AND rname LIKE ?";
           System.out.println("rname="+rname);
           params.add("%"+rname+"%");
       }
       if(startPrice != null && startPrice.trim().length() > 0){
           sql+=" AND price >= ?";
           params.add(startPrice);
       }
       if(endPrice != null && endPrice.trim().length() > 0){
           sql+=" AND price <= ?";
           params.add(endPrice);
       }
       //执行sql返回一个int整型数据
       return jdbcTemplate.queryForObject(sql,Long.class,params.toArray()).intValue();
   }
    * 查询一页显示旅游线路的列表
    * @param a
    * @param b
    * @param rname
    * @param startPrice
     * @param endPrice @return
    public List<Route> findFavoriteRank(int a, int b, String rname, String startPrice, String
endPrice) throws Exception {
       //String sql = "SELECT * FROM tab_route WHERE rflag='1' ORDER BY COUNT DESC LIMIT ?,?";
       String sql = "SELECT * FROM tab_route WHERE rflag='1'";
       List<Object> params = new ArrayList<Object>();
       if(rname != null && rname.trim().length() > 0){
           sql +=" AND rname LIKE ?";
           params.add("%"+rname+"%");
       }
```

```
if(startPrice != null && startPrice.trim().length() > 0){
    sql+=" AND price >= ?";
    params.add(startPrice);
}

if(endPrice != null && endPrice.trim().length() > 0){
    sql+=" AND price <= ?";
    params.add(endPrice);
}

sql+=" ORDER BY COUNT DESC LIMIT ?,?";
params.add(a);
params.add(b);

return jdbcTemplate.query(sql, new BeanPropertyRowMapper<>
(Route.class),params.toArray());
}
```

• 修改favoriterank.html页面加载时候调用findByConditions()函数, 并且回显rname,startPrice,endPrice的数据

```
//当文档加载完成,自动加载

//给rname,startPrice,endPrice赋值
var rname = getParameter("rname");
if (rname != null && rname != ""){
    rname = decodeURI(rname);
}

$("#rNameId").val(rname);

var startPrice = getParameter("startPrice");
$("#startPriceId").val(startPrice);

var endPrice = getParameter("endPrice");
$("#endPriceId").val(endPrice);

findByConditions();
```