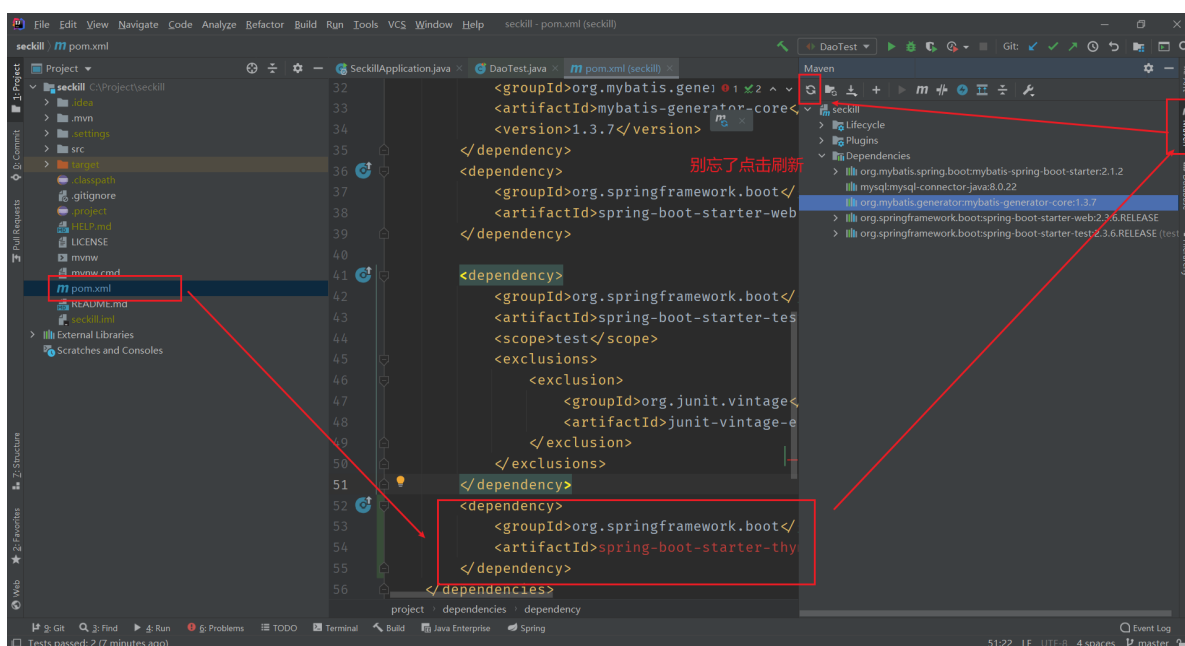# 《保姆级教程》第三集：发布功能与查询功能

3.1 添加 thymeleaf 依赖
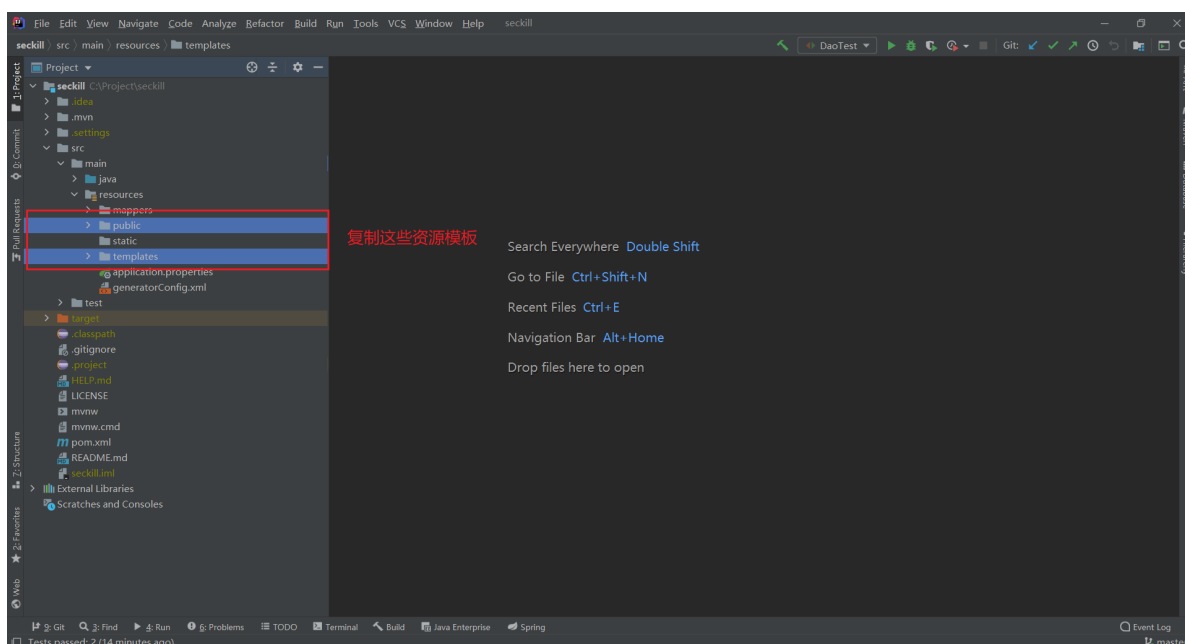
添加到 `pom.xml` 文件

```xml
<dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-thymeleaf</artifactId>
</dependency>
```
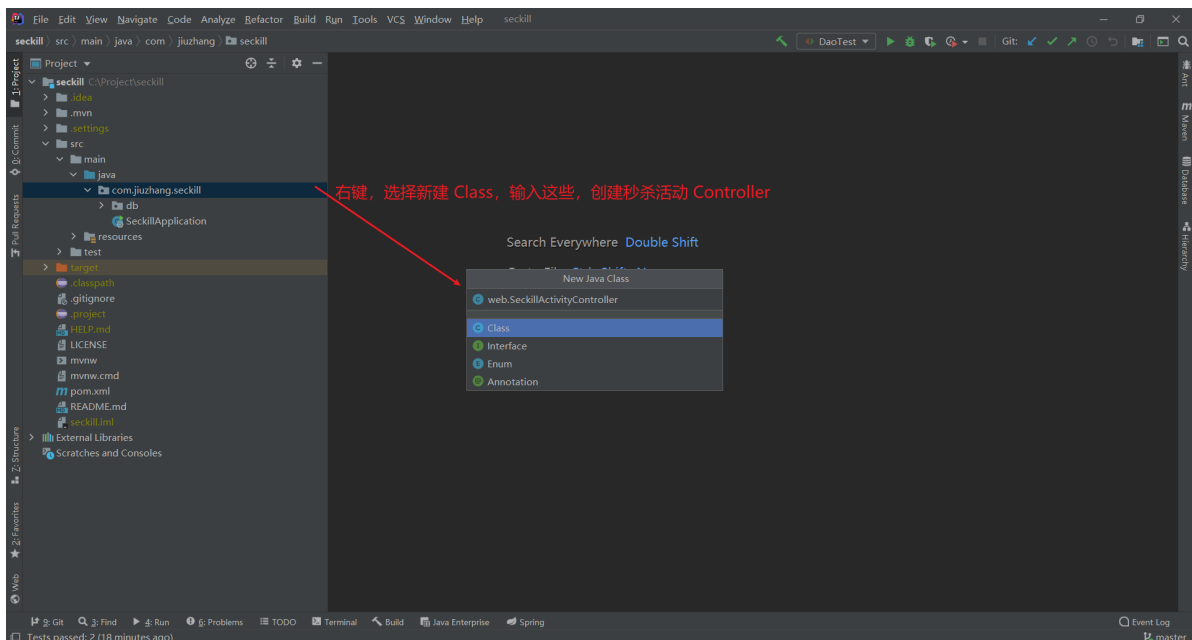

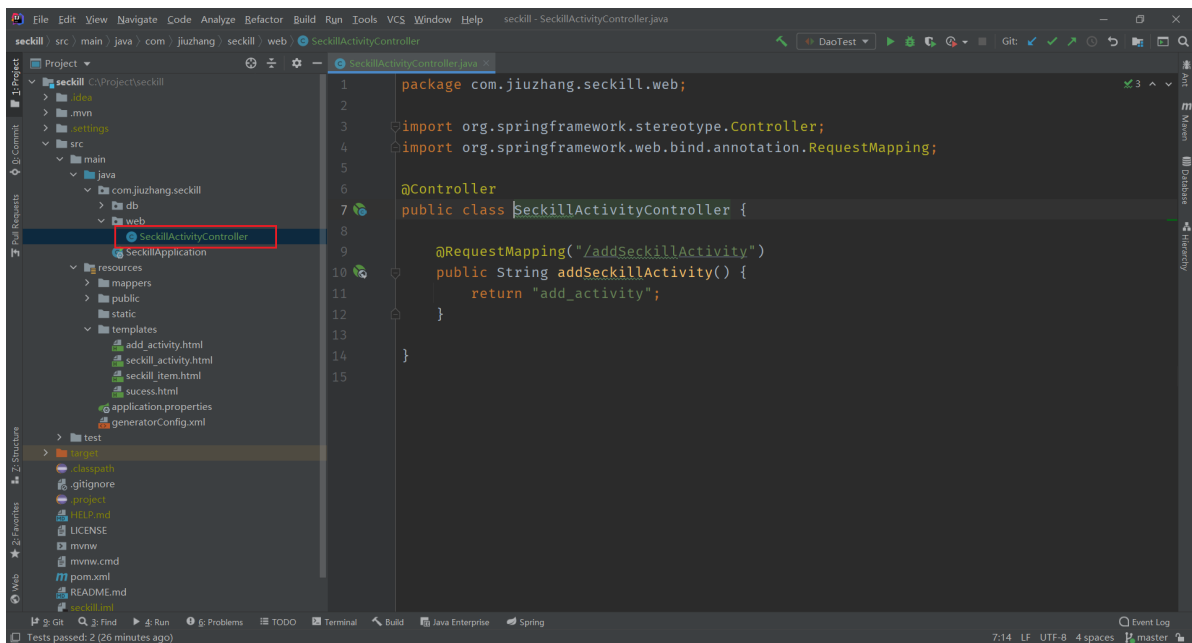## 3.2 复制资源文件夹

点击这里下载资源文件，解压后即可得到这两个文件夹。

3.3 跳转到发布页面

```java
package com.jiuzhang.seckill.web;

import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;

@Controller
public class SeckillActivityController {

    @RequestMapping("/addSeckillActivity")
    public String addSeckillActivity() {
        return "add_activity";
    }

}
```
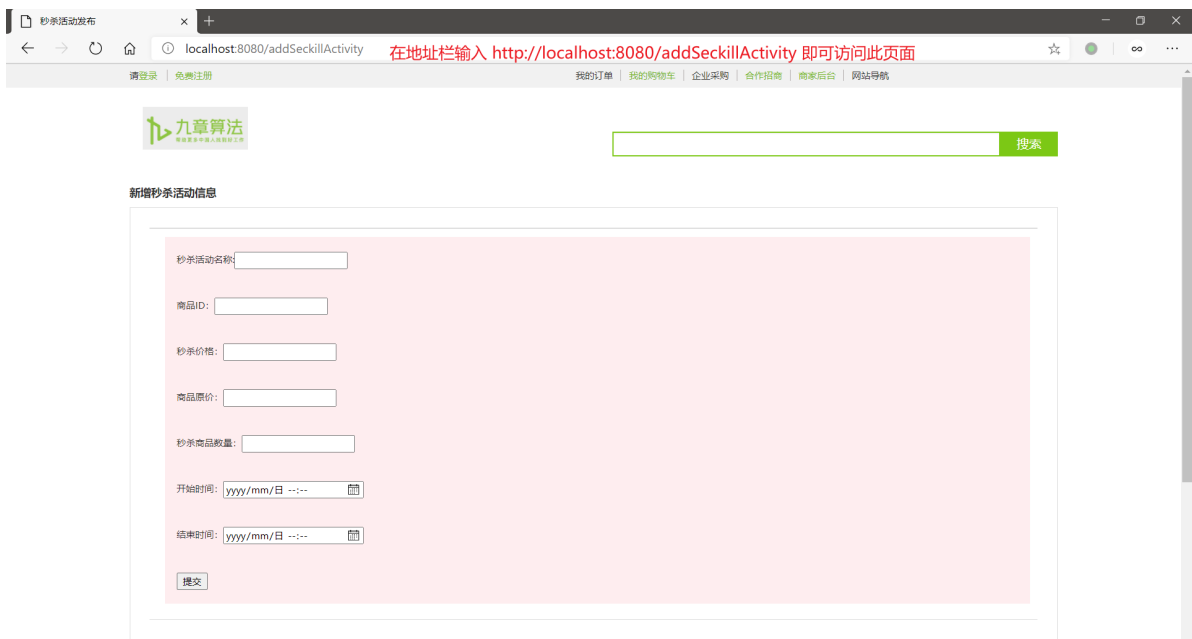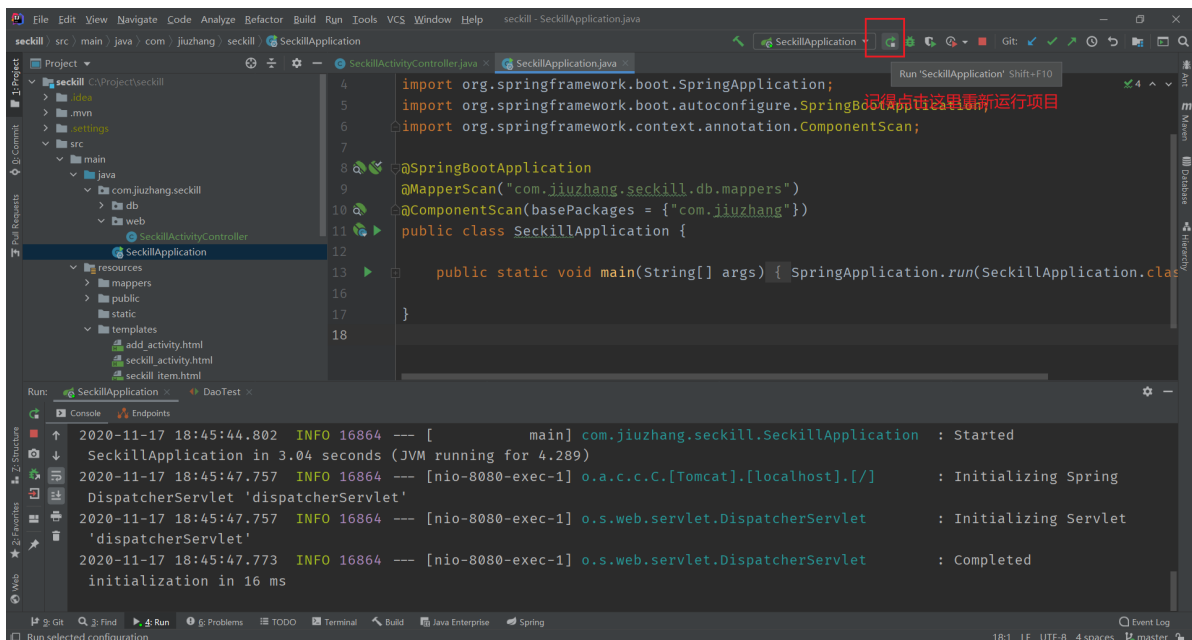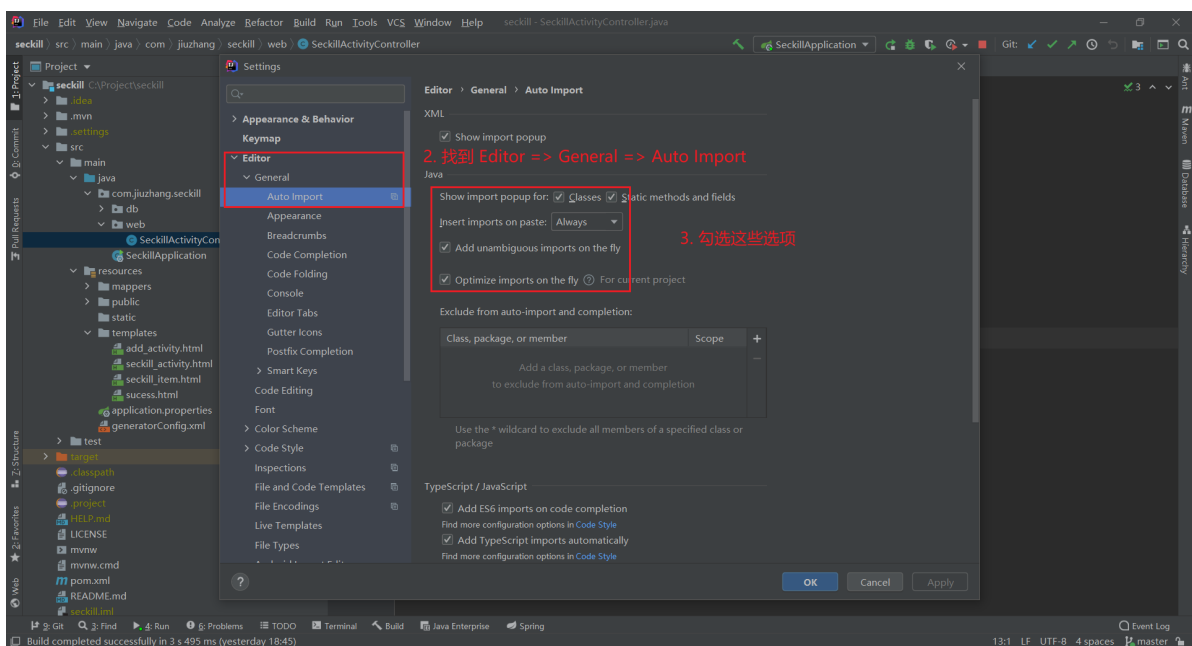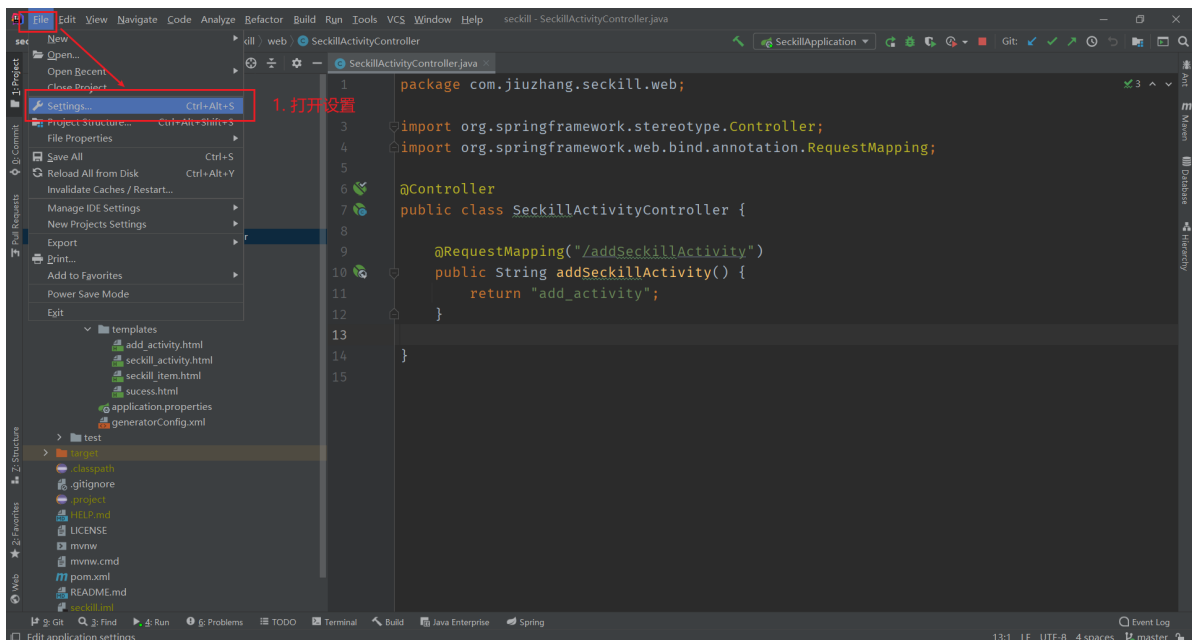
3.4 发布提交功能

3.4.1 开启 Auto Import

## 3.4.2 实现发布功能

复制这段代码到 `web/SeckillActivityController.java` 中

```java
@Autowired
private SeckillActivityDao seckillActivityDao;

@ResponseBody
@RequestMapping("/addSeckillActivityAction")
public String addSeckillActivityAction(
    @RequestParam("name") String name,
    @RequestParam("commodityId") long commodityId,
    @RequestParam("seckillPrice") BigDecimal seckillPrice,
    @RequestParam("oldPrice") BigDecimal oldPrice,
    @RequestParam("seckillNumber") long seckillNumber,
    @RequestParam("startTime") String startTime,
    @RequestParam("endTime") String endTime
) throws ParseException {
    startTime = startTime.substring(0, 10) + " " + startTime.substring(11);
    endTime = endTime.substring(0, 10) + " " + endTime.substring(11);
```

```java
        SimpleDateFormat format = new SimpleDateFormat("yyyy-MM-ddhh:mm");
        SeckillActivity seckillActivity = new SeckillActivity();
        seckillActivity.setName(name);
        seckillActivity.setCommodityId(commodityId);
        seckillActivity.setSeckillPrice(seckillPrice);
        seckillActivity.setOldPrice(oldPrice);
        seckillActivity.setTotalStock(seckillNumber);
        seckillActivity.setAvailableStock(new Integer("" + seckillNumber));
        seckillActivity.setLockStock(0L);
        seckillActivity.setActivityStatus(1);
        seckillActivity.setStartTime(format.parse(startTime));
        seckillActivity.setEndTime(format.parse(endTime));
        seckillActivityDao.inertSeckillActivity(seckillActivity);
        return seckillActivity.toString();
    }
}
```


3.4.3 测试发布功能

提交成功

记录已经成功添加
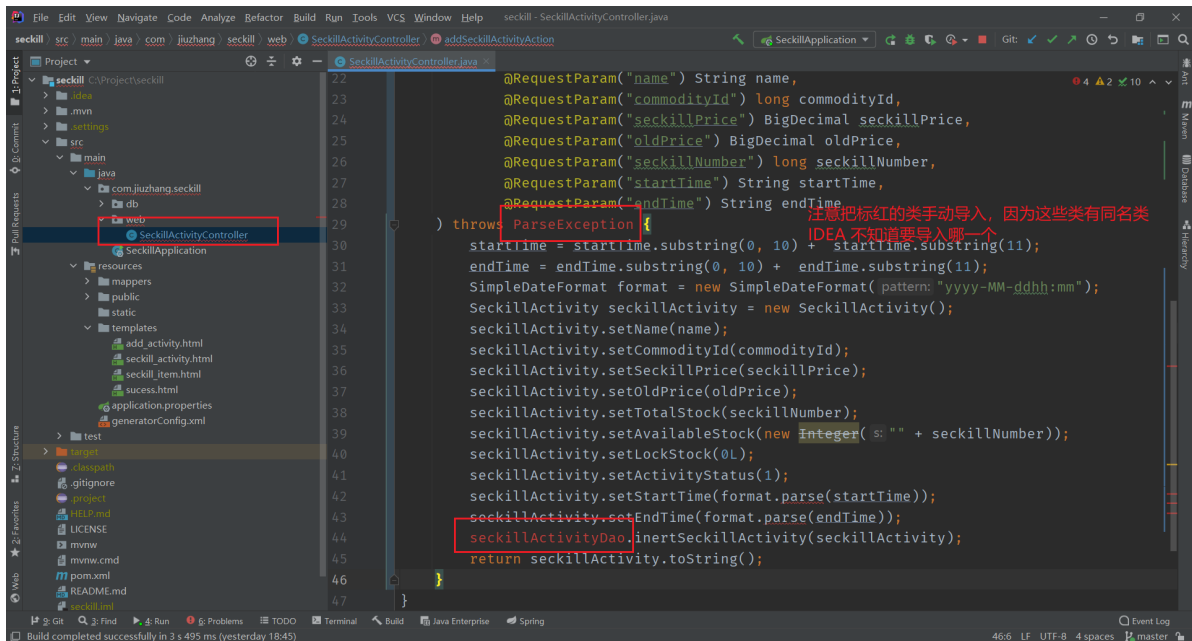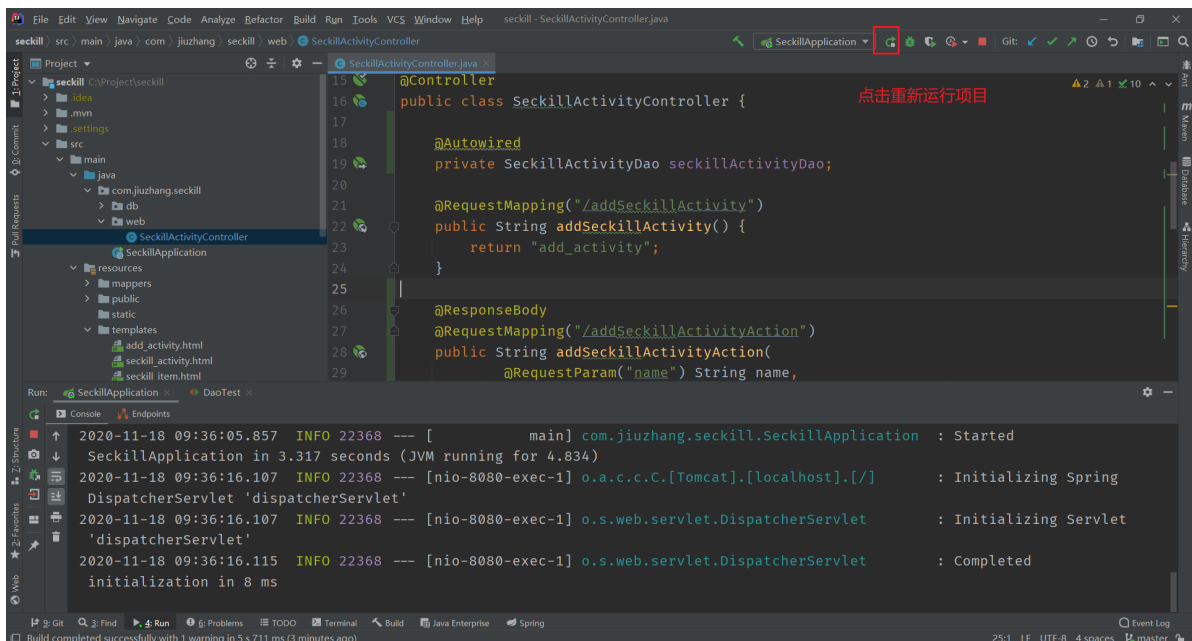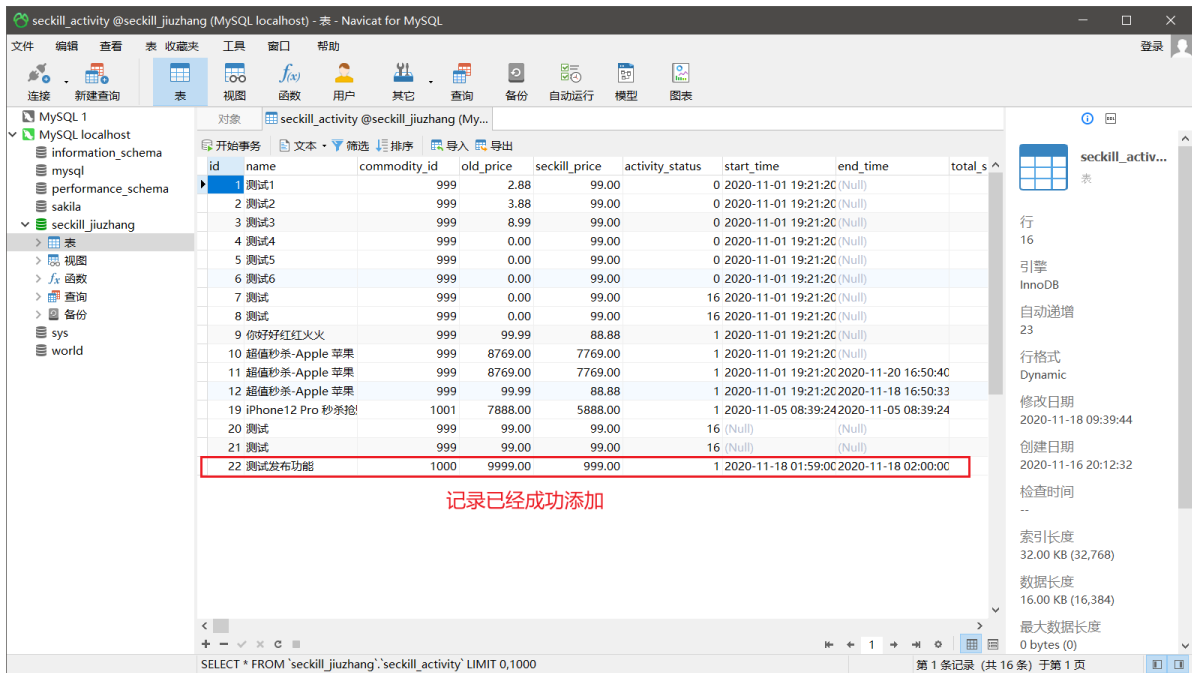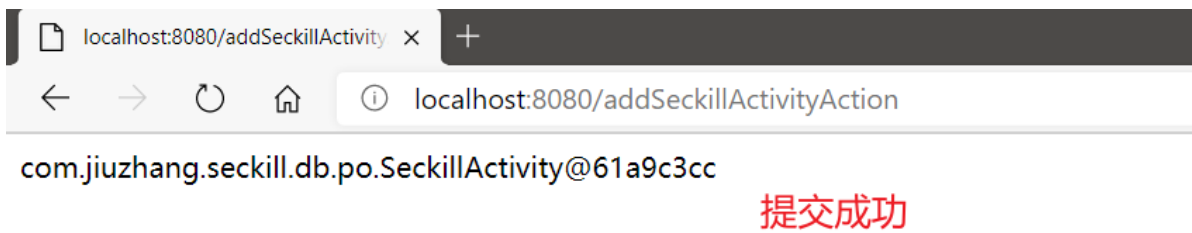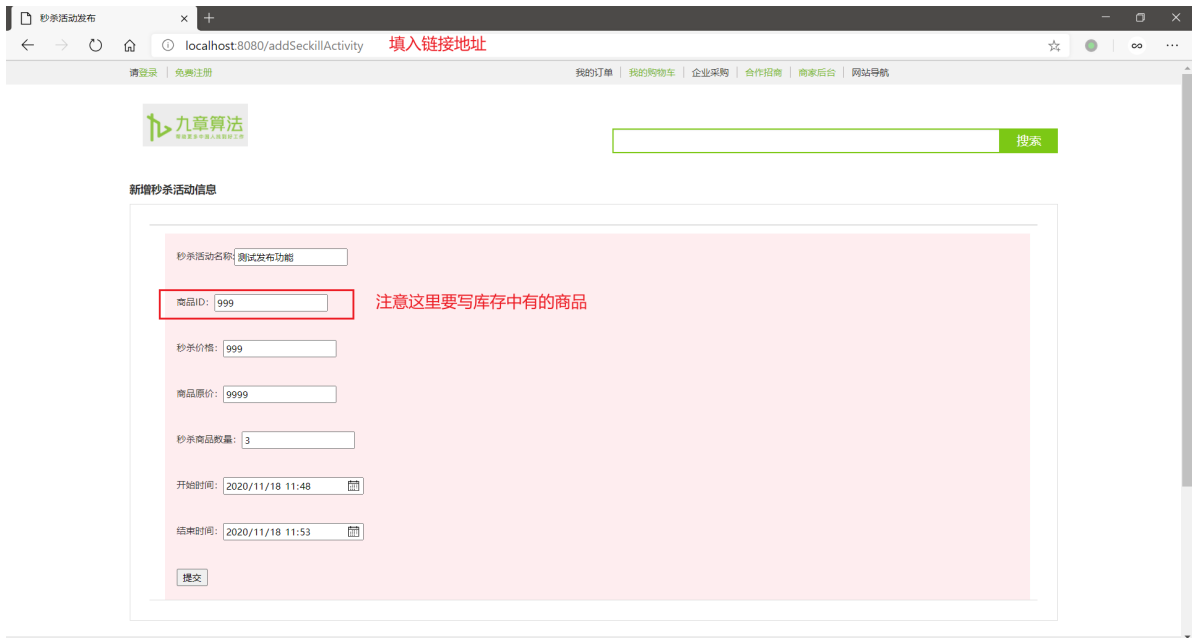
3.5 活动展示功能

3.5.1 活动添加成功页

把刚刚的 `addSeckillActivityAction` 更新成如下：

```
@RequestMapping("/addSeckillActivityAction")
public String addSeckillActivityAction(
    @RequestParam("name") String name,
```

```java
    @RequestParam("commodityId") long commodityId,
    @RequestParam("seckillPrice") BigDecimal seckillPrice,
    @RequestParam("oldPrice") BigDecimal oldPrice,
    @RequestParam("seckillNumber") long seckillNumber,
    @RequestParam("startTime") String startTime,
    @RequestParam("endTime") String endTime,
    Map<String, Object> resultMap
) throws ParseException {
    startTime = startTime.substring(0, 10) +  startTime.substring(11);
    endTime = endTime.substring(0, 10) +  endTime.substring(11);
    SimpleDateFormat format = new SimpleDateFormat("yyyy-MM-ddhh:mm");
    SeckillActivity seckillActivity = new SeckillActivity();
    seckillActivity.setName(name);
    seckillActivity.setCommodityId(commodityId);
    seckillActivity.setSeckillPrice(seckillPrice);
    seckillActivity.setOldPrice(oldPrice);
    seckillActivity.setTotalStock(seckillNumber);
    seckillActivity.setAvailableStock(new Integer("" + seckillNumber));
    seckillActivity.setLockStock(0L);
    seckillActivity.setActivityStatus(1);
    seckillActivity.setStartTime(format.parse(startTime));
    seckillActivity.setEndTime(format.parse(endTime));
    seckillActivityDao.inertSeckillActivity(seckillActivity);
    resultMap.put("seckillActivity", seckillActivity);
    return "add_success";
}
```
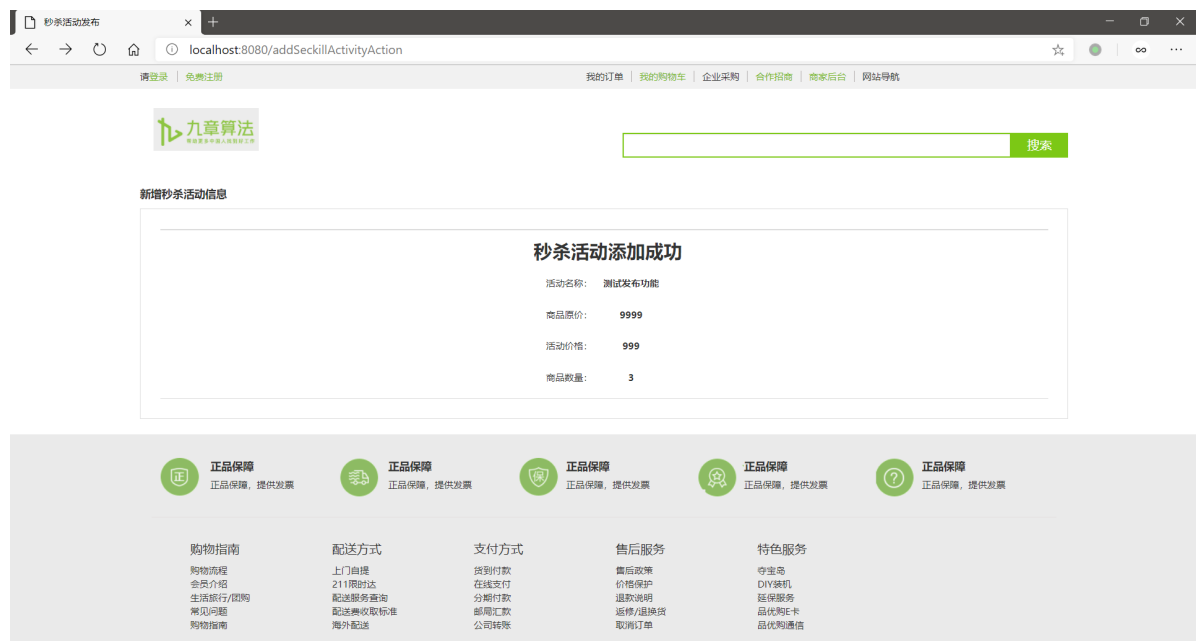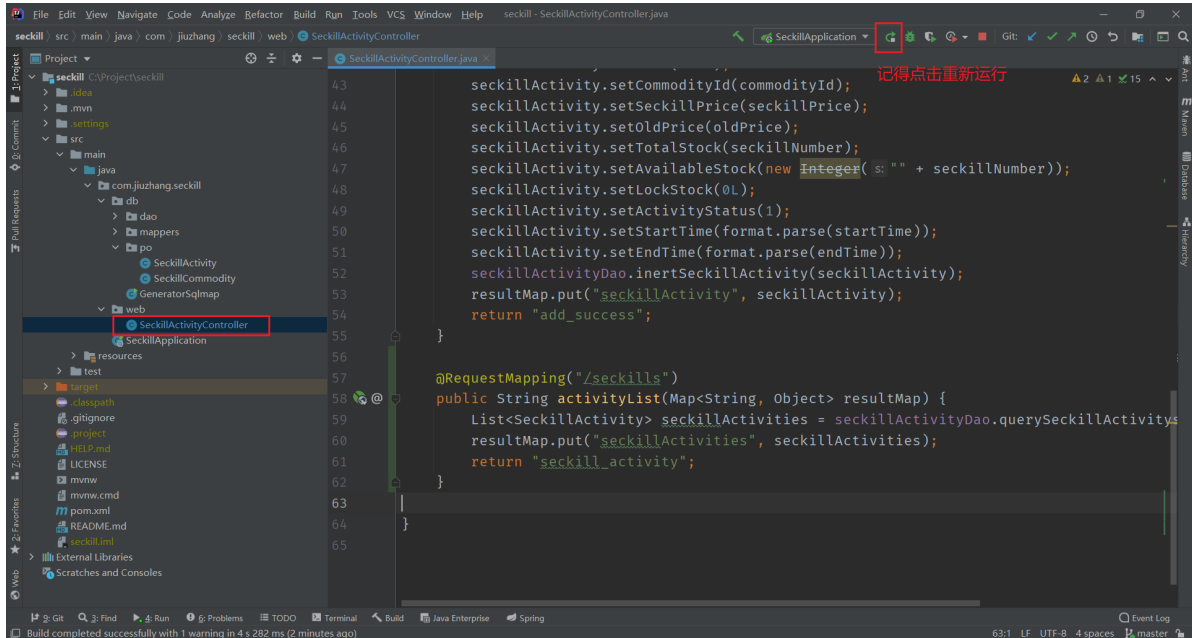
提交表单之后就会返回一个成功页面:

3.5.2 活动列表页面

将如下代码复制到 `SeckillActivityController` 中:

```
@RequestMapping("/seckills")
public String activityList(Map<String, Object> resultMap) {
    List<SeckillActivity> seckillActivities =
seckillActivityDao.querySeckillActivitysByStatus(1);
    resultMap.put("seckillActivities", seckillActivities);
    return "seckill_activity";
}
```


3.5.3 活动详情页

将如下代码复制到 `SeckillActivityController` 中：

```
@Autowired
private SeckillCommodityDao seckillCommodityDao;

@RequestMapping("/item/{seckillActivityId}")
public String itemPage(Map<String, Object> resultMap, @PathVariable long
seckillActivityId) {
    SeckillActivity seckillActivity =
seckillActivityDao.querySeckillActivityById(seckillActivityId);
```

```
    SeckillCommodity seckillCommodity =
seckillCommodityDao.querySeckillCommodityById(seckillActivity.getCommodityId());
    resultMap.put("seckillActivity", seckillActivity);
    resultMap.put("seckillCommodity", seckillCommodity);
    resultMap.put("seckillPrice", seckillActivity.getSeckillPrice());
    resultMap.put("oldPrice", seckillActivity.getOldPrice());
    resultMap.put("commodityId", seckillActivity.getCommodityId());
    resultMap.put("commodityName", seckillCommodity.getCommodityName());
    resultMap.put("commodityDesc", seckillCommodity.getCommodityDesc());
    return "seckill_item";
}
```

点击立即抢购就可以看到商品详情页~
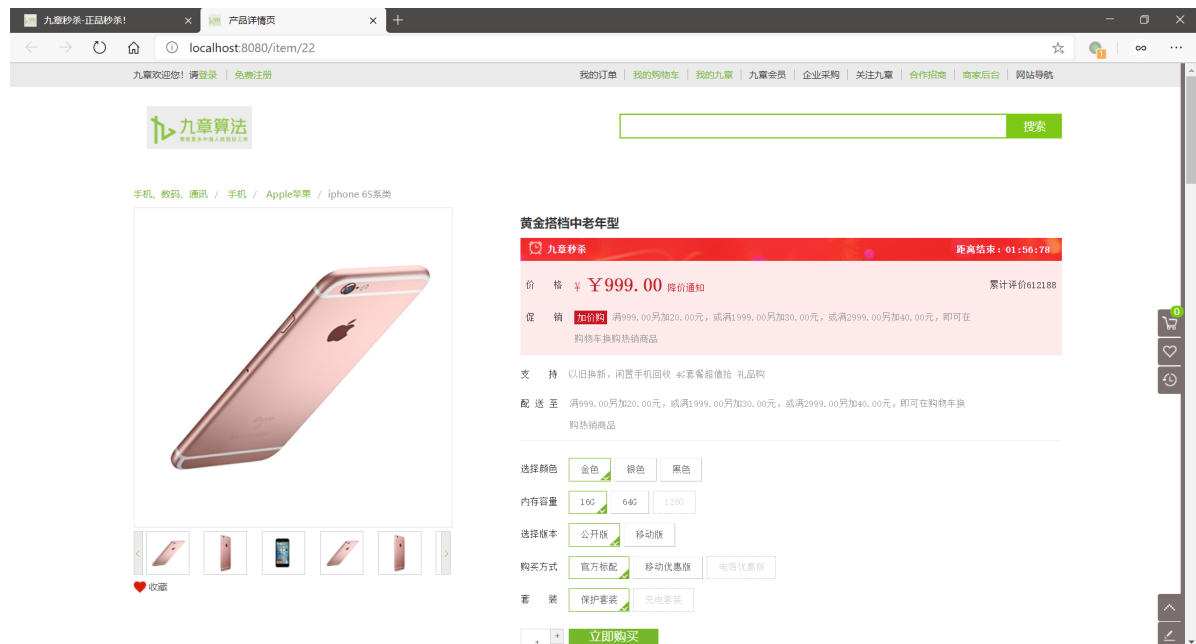
3.6 思考题

如果使用 RESTful API 的规范设计，这些 API 应该如何设计？

> 小提示：可以参考阮一峰老师的文章
>
> RESTful API 设计指南
>
> RESTful API 最佳实践
>
> 理解 RESTful 架构
>
> 或者来上我们的系统设计课程，会详细讲解 RESTful API 的设计准则和最佳实践~
>
> 点击这里报名有优惠哦~输入报名码 E232F5 可以领取学分 2000 + 领扣 VIP 7 天 + 赠送随时看 3 天 + 国内外大厂礼包 x 2 + 内推 x 1 + 官网 99 刀小课任选一门