

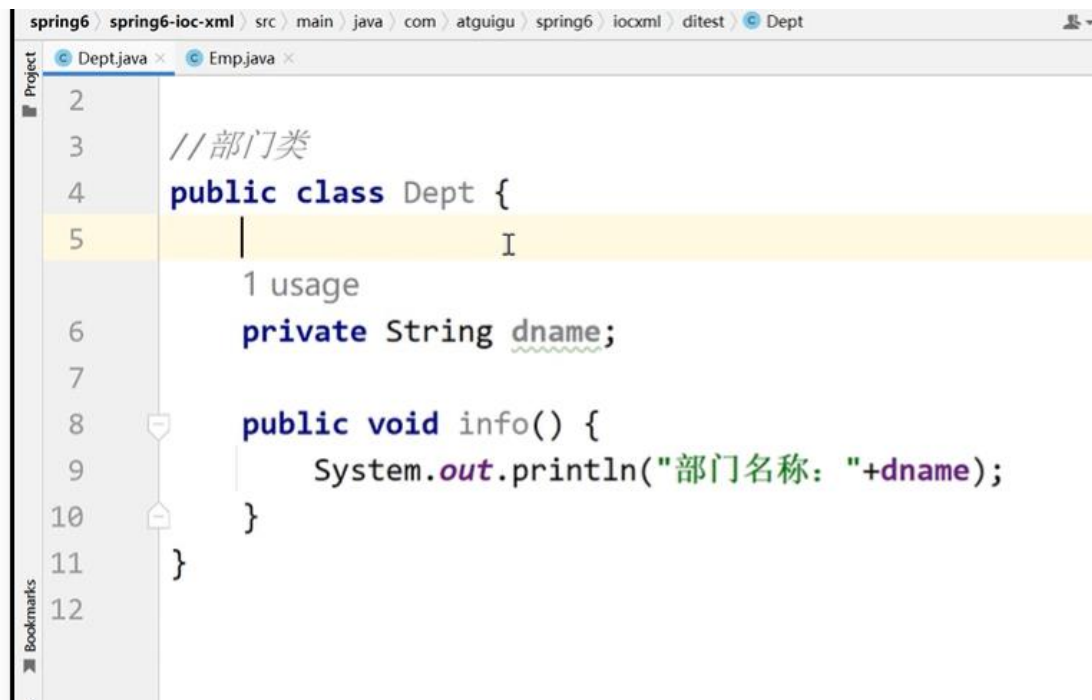
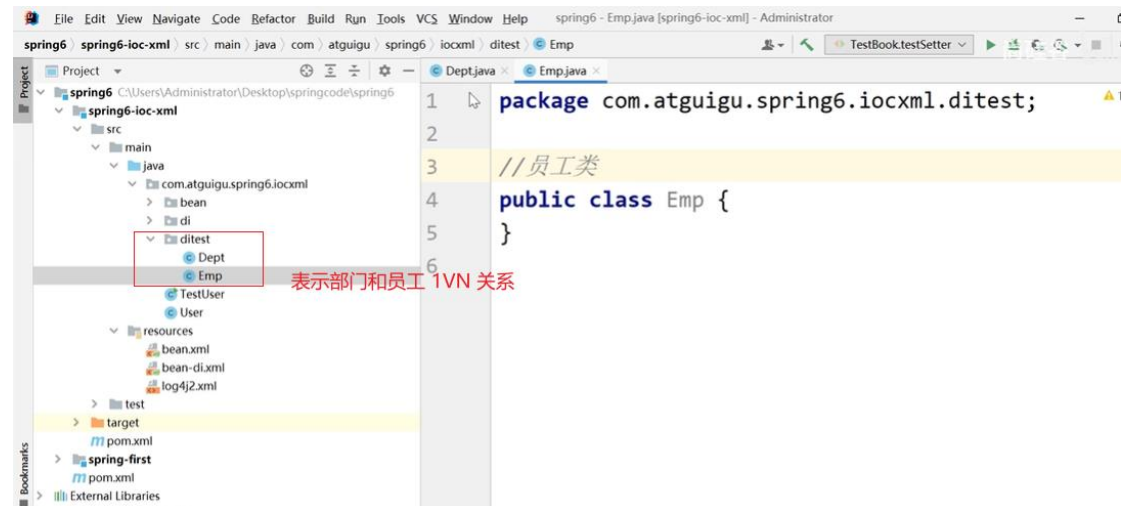
实验 5: 为对象类型属性赋值 (结合实验 6、7 为特殊类型赋值)

方法一: 引用外部 bean

方法二: 内部 bean

方法三: 级联属性赋值

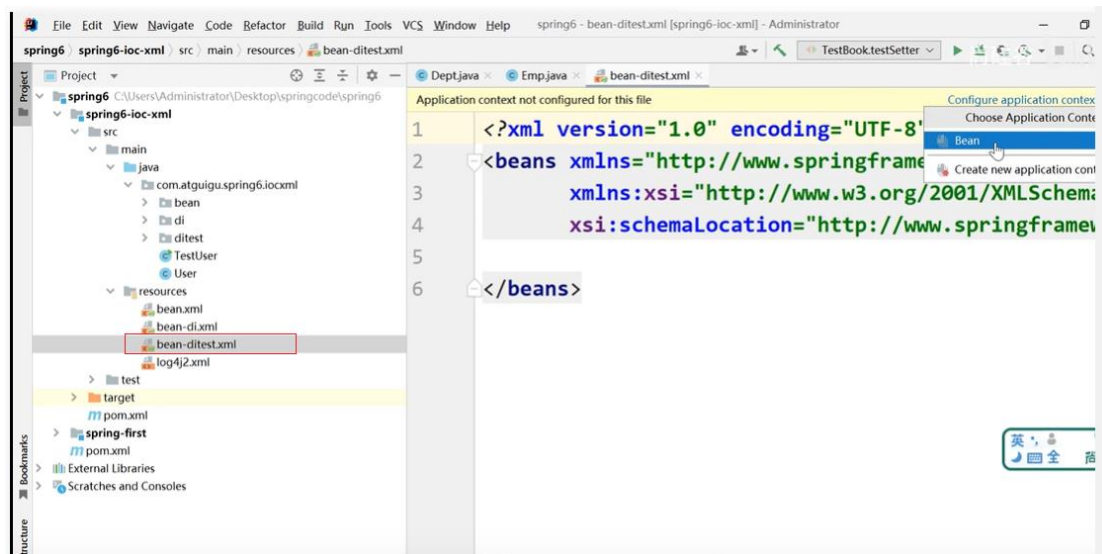
环境搭建:



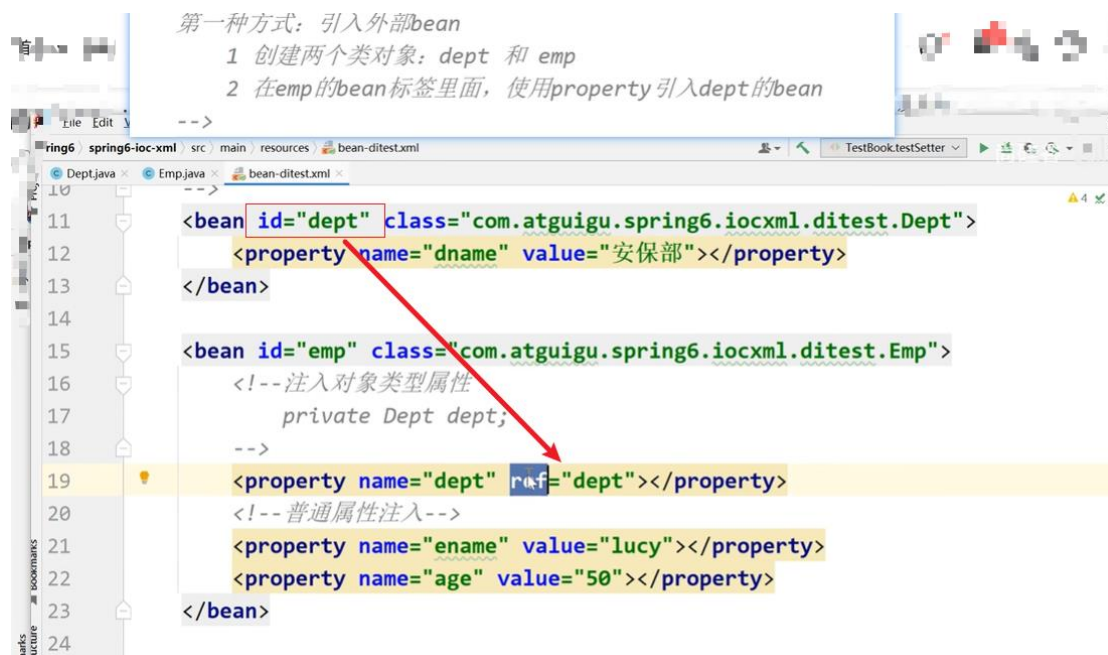
两个类的 set 和 get 生成

```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - Emp.java [spring6-ioc.xml] - Administrator
spring6 spring6-ioc.xml src main java com atguigu spring6 iocxml ditest Emp work TestBookTestSetter
Dept.java Emp.java
3 usages
9 private String ename;
10 //员工年龄
11 3 usages
12 private Integer age;
13
14 public void work() {
15     System.out.println(ename+"emp work...."+age);
16     dept.info();
17 }
18
19 public Dept getDept() {
20     return dept;
21 }
```

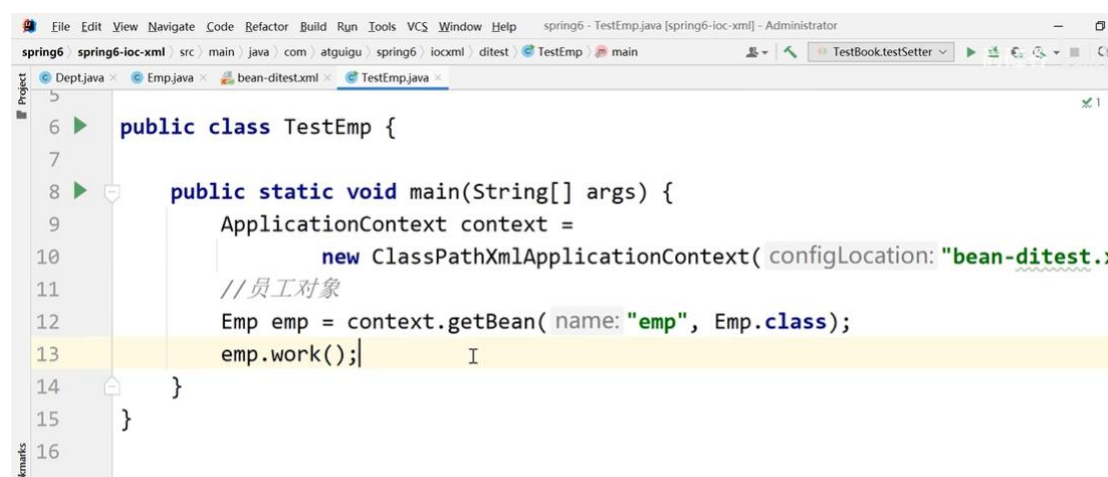
```
spring6 spring6-ioc.xml src main java com atguigu spring6 iocxml ditest Emp
Dept.java Emp.java
5
6 //对象类型属性: 员工属于某个部门
7 2 usages
8 private Dept dept;
9 //员工名称
10 2 usages
11 private String ename;
12 //员工年龄
13 2 usages
14 private Integer age;
15
16 public Dept getDept() {
17     return dept;
18 }
19
20 public void setDept(Department dept) {
21 }
```



方法一：引用外部 bean



测试：



方法二：内部 bean

```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - bean-ditest.xml [spring6-ioc.xml] - Administrator
ring6 spring6-ioc.xml src main resources bean-ditest.xml
Dept.java Emp.java bean-ditest.xml TestEmp.java
22 </bean>
23
24 <!-- 第二种方式 内部bean注入-->
25 <bean id="emp2" class="com.atguigu.spring6.iocxml.ditest.Emp">
26     <!-- 普通属性注入-->
27     <property name="ename" value="mary"></property>
28     <property name="age" value="20"></property>
29     <!-- 内部bean-->
30     <property name="dept">
31         <bean id="dept2" class="com.atguigu.spring6.iocxml.ditest.Dept">
32             <property name="dname" value="财务部"></property>
33         </bean>
34     </property>
35 </bean>
36 </beans>
```

方法三：级联赋值

```
5 spring6-ioc.xml src main resources bean-ditest.xml
Dept.java Emp.java bean-ditest.xml TestEmp.java
<!-- </property>-->
<!-- </bean>-->

<!-- 第三种方式 级联赋值-->
<bean id="dept3" class="com.atguigu.spring6.iocxml.ditest.Dept">
    <property name="dname" value="技术研发部"></property>
</bean>

<bean id="emp3" class="com.atguigu.spring6.iocxml.ditest.Emp">
    <property name="ename" value="tom"></property>
    <property name="age" value="30"></property>
    <property name="dept" ref="dept3"></property>
    <property name="dept.dname" value="测试部"></property>
</bean>
</beans>
```

覆盖技术研发部