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***BSCS-6B***

***LAB#10***

***188990***

***ADVANCED PROGRAMMMING***

***EMPLOYEES XML:***

<?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-3.0.xsd*

*http://www.springframework.org/schema/context*

*http://www.springframework.org/schema/context/spring-context-3.0.xsd"*>

<bean id = *"employees"* class = *"spring1.employees"*>

<property name=*"empList"*>

<list>

<value>Steven</value>

<value>Steven Spielberg</value>

<value>Martin Scorsese</value>

<value>Alfred Hitchcock</value>

</list>

</property>

</bean>

</beans>

***COMPANY XML:***

<?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-3.0.xsd*

*http://www.springframework.org/schema/context*

*http://www.springframework.org/schema/context/spring-context-3.0.xsd"*>

<bean id=*"dateFormater"* class=*"java.text.SimpleDateFormat"*>

<constructor-arg value=*"dd-MM-yyyy"* />

</bean>

<bean id = *"company"* class = *"spring1.company"*>

<property name = *"CompanyName"* value = *"ZAKS"* />

<property name=*"CompanyCreationDate"*>

<bean factory-bean=*"dateFormater"* factory-method=*"parse"*>

<constructor-arg value=*"23-12-2018"* />

</bean>

</property>

<property name = *"NumberofEmployees"* value = *"10"* />

</bean>

</beans>

***MAIN XML:***

<?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-3.0.xsd*

*http://www.springframework.org/schema/context*

*http://www.springframework.org/schema/context/spring-context-3.0.xsd"*>

<import resource=*"spring.xml"* />

<import resource=*"spring2.xml"* />

</beans>

***Employees.java:***

**package** spring1;

**import** java.util.List;

**public** **class** employees {

**private** List empList;

**public** List getEmpList() {

**return** empList;

}

**public** **void** setEmpList(List empList) {

**this**.empList = empList;

}

}

***Company.java:***

**package** spring1;

**import** java.util.Date;

**public** **class** company {

**private** **int** NumberofEmployees;

**private** Date CompanyCreationDate;

**private** String CompanyName;

**public** **int** getNumberofEmployees() {

**return** NumberofEmployees;

}

**public** **void** setNumberofEmployees(**int** numberofEmployees) {

NumberofEmployees = numberofEmployees;

}

**public** Date getCompanyCreationDate() {

**return** CompanyCreationDate;

}

**public** **void** setCompanyCreationDate(Date companyCreationDate) {

CompanyCreationDate = companyCreationDate;

}

**public** String getCompanyName() {

**return** CompanyName;

}

**public** **void** setCompanyName(String companyName) {

CompanyName = companyName;

}

@Override

**public** String toString() {

**return** "company [NumberofEmployees=" + getNumberofEmployees() + ", CompanyCreationDate=" + getCompanyCreationDate()

+ ", CompanyName=" + getCompanyName() + "]";

}

}

***MAIN CLASS:***

package spring1;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class DrawinApp {

@SuppressWarnings("resource")

public static void main( String[] args )

{

// System.out.println( "Hello World!" );

ApplicationContext context = new ClassPathXmlApplicationContext("springcomb.xml");

employees emp = (employees) context.getBean("employees");

System.out.println(emp.getEmpList());

company com = (company) context.getBean("company");

System.out.println(com.toString());

}

}

