**Question 2**

**Question class:**

**import** java.util.List;

**import** java.util.Map;

**import** java.util.Set;

**public** **class** Question {

**int** questionId;

String question;

List<String> questionList;

Set<String> questionSet;

Map<Integer, String> questionMap;

**public** Question(**int** questionId, String question, List<String> questionList, Set<String> questionSet,

Map<Integer, String> questionMap) {

**super**();

**this**.questionId = questionId;

**this**.question = question;

**this**.questionList = questionList;

**this**.questionSet = questionSet;

**this**.questionMap = questionMap;

}

**public** **int** getQuestionId() {

**return** questionId;

}

**public** String getQuestion() {

**return** question;

}

**public** List<String> getQuestionList() {

**return** questionList;

}

**public** Set<String> getQuestionSet() {

**return** questionSet;

}

**public** Map<Integer, String> getQuestionMap() {

**return** questionMap;

}

}

Test class:

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

**public** **class** Test {

**private** **static** ApplicationContext *context*;

**public** **static** **void** main(String[] args) {

*context* = **new** ClassPathXmlApplicationContext("hello.xml");

Question question = (Question)*context*.getBean("question");

System.***out***.println(question.getQuestion() + "\n Output is : " + question.getQuestionList());

}

}

Xml file:

<?xml version="1.0" encoding="UTF-8"?>

<beans xsi:schemaLocation="http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans.xsd" xmlns:p="http://www.springframework.org/schema/p" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.springframework.org/schema/beans">

<bean **class**="SpringCore2.Question" id="question">

<constructor-arg value="1" index="0"/>

<constructor-arg value="Name any of the two design pattern ?" index="1"/>

<constructor-arg index="2">

<list>

<value>SingeltonDP</value>

<value>Factory DP</value>

</list>

</constructor-arg>

<constructor-arg index="3">

<set>

<value>SingeltonDP</value>

<value>Factory DP</value>

</set>

</constructor-arg>

<constructor-arg index="4">

<map>

<entry value="SingeltonDP" key="1"/>

<entry value="Factory DP" key="2"/>

</map>

</constructor-arg>

</bean>

</beans>