```
1. Book.java
2.
3. Book class is a simple class consisting of the book details such title, author,
    publications and its corresponding POJO's. The getBookDetails() method will display the
    book information which is set.
4.
5. package com.javainterviewpoint;
6.
7. public class Book
8. {
9.
        private String title;
10.
        private String publications;
        private String author;
11.
12.
13.
        public Book()
14.
15.
            super();
16.
        }
17.
18.
        public Book(String title, String publications, String author)
19.
20.
            super();
21.
            this.title = title;
22.
            this.publications = publications;
23.
            this.author = author;
24.
        }
25.
26.
        public String getTitle()
27.
28.
            return title;
29.
        }
30.
31.
        public void setTitle(String title)
32.
33.
            this.title = title;
34.
        }
35.
36.
        public String getPublications()
37.
38.
            return publications;
39.
        }
40.
41.
        public void setPublications(String publications)
42.
43.
            this.publications = publications;
44.
        }
45.
46.
        public String getAuthor()
47.
48.
            return author;
49.
50.
51.
        public void setAuthor(String author)
52.
53.
            this.author = author;
54.
55.
        public void getBookDetails()
56.
57.
            System.out.println("**Published Book Details**");
58.
            System.out.println("Book Title : " + title);
Svstem.out.println("Book Author : " + author);
59.
60.
61.
            System.out.println("Book Publications : " + publications);
62.
        }
63. }
64.
65. Library.java
66.
```

```
67. Library class has the Book class instance as a property and its corresponding getters
   and setters. The book property will get its value through our configuration file.
68
69. package com.javainterviewpoint;
70.
71. public class Library
72. {
73.
       private Book book;
74.
       public void setBook(Book book)
75.
76.
77.
           this.book = book;
78.
79
80.
       public Book getBook()
81.
82.
           return book:
83.
84. }
86. SpringConfig.xml
87.
88. In our configuration file we have defined seperate id for each bean Library and Book
89.
90. <beans xmlns="http://www.springframework.org/schema/beans"
91. xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
92. xsi:schemaLocation="http://www.springframework.org/schema/beans
93. http://www.springframework.org/schema/beans/spring-beans-3.0.xsd">
94.
95.
       <bean id="library" class="com.javainterviewpoint.Library">
96.
            roperty name="book" ref="book">
97.
       </bean>
98.
99.
       <bean id="book" class="com.javainterviewpoint.Book">
               cproperty name="title" value="Spring XML Configuration">
100.
               property name="author" value="JavaInterviewPoint">
101.
102.
               cproperty name="publications" value="JIP Publication">
103.
           </bean>
104.
105.
         We inject primitives to the Book class properties such as title, author,
106.
   publications.
107.
          <bean id="book" class="com.javainterviewpoint.Book">
108.
                  cproperty name="title" value="Spring XML Configuration">
109.
                  cproperty name="author" value="JavaInterviewPoint"></property>
110.
111.
                  cproperty name="publications" value="JIP"></property>
112.
          </bean>
113.
         We are referencing the Book class bean id to the property book of the Library
114.
   class
115.
      cproperty name="book" ref="book"></property>
116.
117.
118.
         The ref passed to the property book should be the bean id of the Book Class. In
   short
119.
120. ref =<<ben id of Book class>>
121. Application.java
122.
123.
     package com.javainterviewpoint;
124.
125. import org.springframework.context.ApplicationContext;
126. import org.springframework.context.support.ClassPathXmlApplicationContext;
127.
128.
     public class Application
129.
130.
         public static void main(String args[])
131.
```

```
132.
              // Read the Spring configuration file [SpringConfig.xml]
              ApplicationContext appContext = new
133.
   ClassPathXmlApplicationContext("SpringConfig.xml");
134.
              // Get the Library instance
              Library library = (Library) appContext.getBean("library");
135.
136.
              // Get the Book Details
137.
              library.getBook().getBookDetails();
          }
138.
139. }
140.
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            super();
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19.
20.
            super();
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            this.title = title;
22.
            this.publications = publications;
23.
            this.author = author;
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        }
25.
        public String getTitle()
26.
27.
28.
            return title;
29.
        }
30.
        public void setTitle(String title)
31.
32.
33.
            this.title = title;
34.
        }
35.
36.
        public String getPublications()
37.
38.
            return publications;
39.
40.
41.
        public void setPublications(String publications)
42.
43.
            this.publications = publications;
44.
        }
45.
46.
        public String getAuthor()
47.
48.
            return author;
49.
        }
50.
51.
        public void setAuthor(String author)
52.
53.
            this.author = author;
54.
        }
55.
56.
        public void getBookDetails()
```

```
57.
            System.out.println("**Published Book Details**");
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            System.out.println("Book Title : " + title);
59
            System.out.println("Book Author : " + author);
System.out.println("Book Publications : " + publications);
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95.
        <bean id="library" class="com.javainterviewpoint.Library">
96.
             cproperty name="book" ref="book"></property>
97.
        </bean>
98.
        <bean id="book" class="com.javainterviewpoint.Book">
99
               cproperty name="title" value="Spring XML Configuration">
100.
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121. Application.java
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      package com.javainterviewpoint;
124.
      import org.springframework.context.ApplicationContext;
125.
126.
      import org.springframework.context.support.ClassPathXmlApplicationContext;
127.
128. public class Application
129.
130.
           public static void main(String args[])
131.
                // Read the Spring configuration file [SpringConfig.xml]
132.
   ApplicationContext appContext = new

ClassPathXmlApplicationContext("SpringConfig.xml");

// Get the Library instance
133.
134.
                Library library = (Library) appContext.getBean("library");
// Get the Book Details
135.
136.
137.
                library.getBook().getBookDetails();
138.
139. }
140.
```