

### MediaPlayer.java (Interface)

```
package spring.nmitd;  
  
public interface MediaPlayer {  
  
    public void play();  
}
```

### CompactDisk.java (Interface)

```
package spring.nmitd;  
  
public interface CompactDisk {  
  
    public void play();  
}
```

### CDPlayer.java

```
package spring.nmitd;  
  
public class CDPlayer implements MediaPlayer {  
  
    private CompactDisk cd;  
  
    public CDPlayer(CompactDisk cd) {  
        this.cd = cd;  
    }  
  
    @Override  
    public void play() {  
        cd.play();  
    }  
}
```

## BollywoodSongsCD.java

```
package spring.lab2;

import java.io.PrintStream;

public class BollywoodSongsCD implements CompactDisk {

    private PrintStream stream;
    String title;
    String artist;
    public BollywoodSongsCD(PrintStream stream,String title, String artist) {
        this.stream = stream;
        this.title = title;
        this.artist = artist;
    }

    @Override
    public void play() {
        stream.print("The Title is "+title+" \nArtist are "+artist);
    }
}
```

## config.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"
       xsi:schemaLocation="
           http://www.springframework.org/schema/beans
           http://www.springframework.org/schema/beans/spring-beans.xsd">

    <bean id="cdPlyer" class="spring.lab2.CDPlayer">
        <constructor-arg ref="songs" />
    </bean>

    <bean id="songs" class="spring.lab2.BollywoodSongsCD">
        <constructor-arg value="#{T(System).out}" />
        <constructor-arg value="Zingaat" />
        <constructor-arg value="Ajay-Atul" />
    </bean>

</beans>
```

## MusicMain.java

```
package spring.lab2;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class MusicMain{

    public static void main(String args[]) {

        ClassPathXmlApplicationContext context = new
ClassPathXmlApplicationContext("spring/lab2/config.xml");

        CDPlayer cdPlayer = context.getBean(CDPlayer.class);
        cdPlayer.play();
        context.close();
    }
}
```

Output:-

```
<terminated> MusicMain [Java Application] C:\Program Files\Java\jdk-17.0.4\bin\javaw.exe |
The title is Zingaat Artist are Ajay Atul
|
```