

# TuneIn Application

## Problem Statement:

← Classroom

Spring and Annotations  
TuneIn Application

Problem Submissions Solutions Doubts

**Problem statement**

In continuation to the **TuneIn** application, now you have to implement the concepts of IOC, Dependency Injection, and Bean Scope using Annotations. Complete the application accordingly.

You are supposed to use the camel-case naming convention for writing the bean name inside the **@Component** Annotation where required.

- Example: I have a class with the name MySong, and the bean name for it will be "mySong".

▼ Flow Chart:-

```
graph TD; A([User starts the application]) --> B[/The application prompts the user to enter their name and age/]; B --> C{User asked to add songs}; C -- Yes --> D[User enters song name]; D --> C; C -- No --> E([Playlist songs are displayed with their reference Id along with playlist reference Id]);
```

The flowchart illustrates the process of the TuneIn application. It begins with the user starting the application, followed by a prompt to enter their name and age. A decision point follows: if the user is asked to add songs and answers 'Yes', they enter a song name, which then loops back to the 'User asked to add songs' decision. If the answer is 'No', the playlist songs are displayed with their reference Id along with the playlist reference Id.

Sample Output:

Sample output:-

Welcome to Music Playlist Application

What is your name?

*Virat*

What is your age?

*34*

Do you want to add Songs to the playlist

1. Yes

2. No

*1*

Enter name of the song

*Closer*

Do you want to add Songs to the playlist

1. Yes

2. No

*1*

Enter name of the song

*Perfect*

Do you want to add Songs to the playlist

1. Yes

2. No

*2*

Your Playlist with reference Id: @c730b35 is Ready!!

Song name: Closer      Reference Id: @206a70ef

Song name: Perfect      Reference Id: @292b08d6