**java Syntax** ([Toggle Plain Text](http://www.daniweb.com/software-development/java/threads/276586))

2. import **java**.util.ArrayList;
3. import **java**.util.List;
5. **public** **class** CinemaExample **{**
7. **public** **static** **void** main**(String[]** args**)** **{**
8. List<Cinema> cinemas = **new** **ArrayList**<Cinema>**()**;
9. // fill the cinemaList
10. Cinema cinema1 = **new** Cinema**(**"Paradise"**)**;
11. cinemas.add**(**cinema1**)**;
12. Cinema cinema2 = **new** Cinema**(**"Zodiac"**)**;
13. cinemas.add**(**cinema2**)**;
15. Movie movie1 = **new** Movie**(**"Zorro"**)**;
16. Movie movie2 = **new** Movie**(**"Titanic"**)**;
17. Movie movie3 = **new** Movie**(**"Matrix"**)**;

20. cinema1.setMovie**(new** Projection**(**movie1, 18**))**;
21. cinema1.setMovie**(new** Projection**(**movie2, 20**))**;
22. cinema1.setMovie**(new** Projection**(**movie3, 24**))**;
24. cinema2.setMovie**(new** Projection**(**movie1, 14**))**;
25. cinema2.setMovie**(new** Projection**(**movie3, 16**))**;
27. // results
28. **System**.out.println**(**"CINEMA LIST:"**)**;
29. **for** **(**Cinema c : cinemas**)** **{**
30. **System**.out.println**(**c.toString**())**;
31. **}**
33. **}**
34. **}**
36. **class** Movie **{**
38. **String** movieName;
40. Movie**(String** movieName**)** **{**
41. **this**.movieName = movieName;
42. **}**
44. **public** **String** toString**()** **{**
45. **return** movieName;
46. **}**
47. **}**
49. **class** Cinema **{**
51. **String** cinemaName;
52. List<Projection> listOfProjections;
54. Cinema**(String** cinemaName**)** **{**
55. **this**.cinemaName = cinemaName;
56. listOfProjections = **new** **ArrayList**<Projection>**()**;
58. **}**
60. **void** setMovie**(**Projection projection**)** **{**
61. listOfProjections.add**(**projection**)**;
62. **}**
64. **public** **String** toString**()** **{**
65. **StringBuffer** sb = **new** **StringBuffer()**;
67. sb.append**(**"CinemaName:" + cinemaName**)**;
68. sb.append**(**"**\n**"**)**;
70. **for** **(**Projection p : listOfProjections**)** **{**
71. sb.append**(**p.toString**())**;
72. **}**
74. **return** sb.toString**()**;
75. **}**
76. **}**
78. **class** Projection **{**
80. Movie movie;
81. **int** timeofProjection;
83. Projection**(**Movie movie, **int** timeofProjection**)** **{**
84. **this**.movie = movie;
85. **this**.timeofProjection = timeofProjection;
86. **}**
88. **public** **String** toString**()** **{**
89. **return** **(**"movie=" + movie + ", timeofProjection=" + timeofProjection + "**\n**"**)**;
90. **}**
91. **}**