



---

# MOVIE INSIDER

---

Database Implement Report



2018/11/27

HARPER HE  
JINGXIAN SUN

## Contents

<b>PROJECT SUMMARY .....</b>	<b>2</b>
<b>DATABASE INFRASURCTURE .....</b>	<b>3</b>
<b>ENTITY AND ATTRIBUTE TABLE .....</b>	<b>3</b>
<b>ENTITY- RELATIONSHIP DIAGRAM .....</b>	<b>8</b>
<b>CREATION OF TABLES .....</b>	<b>9</b>
<b>MARJOR DATA QUESTIONS.....</b>	<b>35</b>
<b>INTERFACES .....</b>	<b>43</b>
FORMS.....	43
REPORTS .....	54

## **PROJECT SUMMARY**

As we known, the duty of theatre managers is to schedule movies properly and ensure that movies on show cater to customers. Currently, all the information of schedule, movies and customers are stored separately. Every time a manager would like to schedule movie, he/she has to refer to movies and customers information respectively, then arrange the movies. It is inefficient for them to switch between different databases.

Film studios, entertainment companies that make films, would like to know their movies' schedules arrangement and box office appeal of cast. To make further movie investment plan, film studios need to know the box office of movies and related deciding factors. They need to contact theatres for the information, and then integrate data by themselves. This is a tedious process, and in this process, information collection error occurs.

The proposed project, Movie Insider is a database with information about movies, actors, theatres and similar theatrical information in Syracuse. Its mission is to provide useful and up-to-date movie information across all the theatres in Syracuse to theatre managers and film studio representatives. It currently covers 5 movies with 18 filmography entities and is expanding continuously. The database includes filmographies for actors, directors, writers and producers; plot summaries; movie ratings; running times; country of production; genres; release dates; and detailed technical data.

Movie Insider will maintain all the recent data in an Access database. It would be a one-stop online portal that allows theatre managers to check movies and customers details, and arrange schedules based on them. It offers detailed movie schedule report to film studios. It also offers box office appeal forms to help film studio representatives enhance business decisions on further movie investments. The basic background information will be accumulated automatically by google search engine once the movie profiles were released.

The Primary users will be the theatre managers and the film studio representatives. The theatre managers will have restricted access: only view their own theatres' schedules and customers' information. In other words, they cannot access the other theatres' data. The film studio representatives will have full access to the whole database.

This report comprises of the design for the proposed system and states their functions, dependencies and relationships between the various entities and attributes. The report will show a fully attributed entity relationship diagram (ERD) addressing the major issues in the management system. The report will also give out some example solutions about daily business questions. It will address the major queries and information that are required by different-kinds users.

## DATABASE INFRASTRUCTURE

By using the SQL server as our database engine, this project generated 18 entities including 6 associated entities. Tables enable this project focus not only on what theatre managers care but also give insights to film studio. The database included data of both stars' performance and customers behavior. It covers detailed information of theatres, halls, movie schedules, seats and tickets, which gives a completed view of theatre operation.

For the interface design tool, Access was adopted in this project to design reports, navigators, log-in pages and other forms. Access allowed us to develop necessary functions and interactive designs for this database system. Using Access, we designed various forms and reports, and selected 6 forms and 4 reports to show important information about the theatres operation. Having two separate login pages, theatre managers and film studio staffs can get into different navigators so that they can achieve corresponding forms and reports to help them make decision.

## ENTITY AND ATTRIBUTE TABLE

1. Theatre – This entity captures information about the theatres that show and schedule movies.

Entity Name: Theatre	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	theatre_id	INT	Not Null	Unique identifier of the theatre
Other Attributes	theatre_name	VARCHAR(50)	Not Null	Name of the theatre
	theatre_streetno	VARCHAR(5)	Not Null	Address information of the theatre
	theatre_streetname	VARCHAR(50)	Not Null	
	theatre_city	VARCHAR(50)	Not Null	
	theatre_state	CHAR(2)	Not Null	
	theatre_zip	VARCHAR(10)	Not Null	
	theatre_rating	NUM	Null	The rating of theatre, the scale is 1 to 5 and the data is from Google Map
	theatre_website	VARCHAR(50)	Not Null	Official website of theatre
	theatre_phone	VARCHAR(20)	Not Null	Phone number of the theatre
	theatre_opentime	VARCHAR(100)	Not Null	Open time of the theatre

2. Hall – This entity captures information about the halls of different theatres that show movies.

Entity Name: Hall	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	hall_id	INT	Not Null	Unique identifier of the hall
Other Attributes	seat_amount	INT	Not Null	The number of seats in a hall
	screen_size	VARCHAR(20)	Null	The size of the screen in the hall

	row_amount	INT	Not Null	The number of rows in a hall
Primary Key, Foreign Key	theatre_id	INT	Not Null	Primary key associated with Theatre Entity.

3. **Movie** – This entity captures information about the movies that are shown in theatres.

Entity Name: Movie	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	movie_id	INT	Not Null	Unique identifier of the movie
Other Attributes	movie_name	VARCHAR(50)	Not Null	Name of the theatre
	movie_runtime	VARCHAR(20)	Not Null	Length of the movie
	movie_rating	NUM	Null	The rating of movie, the scale is 1 to 10 and the data is from IMDb
	movie_releaseDate	DATE	Null	The release date of the movie
	movie_website	VARCHAR(50)	Null	The link of the movie official website
	movie_description	VARCHAR(300)	Not Null	The description of the movie

4. **Category** – This entity captures information about the categories of movies

Entity Name: Category	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	category_id	INT	Not Null	Primary key/Unique identifier of the category
Other Attributes	category_name	VARCHAR(20)	Not Null	The name of the category, for example, Action/Comedy/Romance/Horror, etc
	category_description	VARCHAR(300)	Null	description of the category

5. **Movie\_category** - This entity captures information about the versions of a certain movie.

Entity Name: Movie_category	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	movie_id	INT	Not Null	Unique identifier of the Movie entity
Primary Key, Foreign Key	category_id	INT	Not Null	Unique identifier of the Category entity

6. **Country** – This entity captures information about the countries.

Entity Name: Country	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	country_code	INT	Not Null	Unique identifier of the country

Other Attributes	country_name	VARCHAR(50)	Not Null	The name of the country
------------------	--------------	-------------	----------	-------------------------

7. Movie\_country – This entity captures information about the countries of a certain movie.

Entity Name: Movie_country	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	movie_id	INT	Not Null	Unique identifier of the Movie entity
Primary Key, Foreign Key	country_code	INT	Not Null	Unique identifier of the Country entity

8. Languages – This entity captures information about the languages.

Entity Name: Languages	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	language_id	INT	Not Null	Unique identifier of the languages
Other Attributes	language_name	VARCHAR(50)	Not Null	Name of the languages

9. Movie\_language - This entity captures information about the languages of a certain movie.

Entity Name: Movie_country	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	movie_id	INT	Not Null	Unique identifier of the Movie entity
Primary Key, Foreign Key	language_id	INT	Not Null	Unique identifier of the Language entity

10. Versions– This entity captures information about the different versions of movies.

Entity Name: Versions	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	version_id	INT	Not Null	Unique identifier of the movie versions
Other Attributes	version_name	VARCHAR(20)	Not Null	Name of the versions, 2D or 3D or IMAX
	version_description	VARCHAR(300)	Null	Description of the versions

11. Movie version – This entity captures information about the version of a certain movie.

Entity Name: Movie_version	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	movie_id	INT	Not Null	Unique identifier of the Movie entity
Primary Key, Foreign Key	version_id	INT	Not Null	Unique identifier of the Versions entity

12. Movie schedule – This entity captures information about the movie schedules of different theatres.

Entity Name: Movie schedule	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	schedule_id	INT	Not Null	Unique identifier of the schedule
Other Attributes	movie_showdate	DATE	Not Null	Date on which a certain movie is shown
	movie_begintime	TIME	Not Null	Begin time of the movie
	movie_endtime	TIME	Not Null	End time of the movie
Foreign Key	movie_id	INT	Not Null	Unique identifier of the Movie entity
	Theatre_id	INT	Not Null	Unique identifier of the Theatre entity
	hall_id	INT	Not Null	Unique identifier of the Hall entity

13. Customers – This entity captures information about the customers who purchase movie tickets.

Entity Name: Movie schedule	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	customer_id	INT	Not Null	Unique identifier of the customer
Other Attributes	customer_firstname	VARCHAR(20)	Not Null	First name of the customer
	customer_lastname	VARCHAR(20)	Not Null	Last name of the customer
	customer_gender	VARCHAR(10)	Not Null	Gender of customer
	customer_phone	VARCHAR(20)	Null	Phone number of the customer
	customer_email	VARCHAR(50)	Null	E-mail of the customer

14. Ticket – This entity captures information about the tickets for a certain movie schedule.

Entity Name: Ticket	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	customer_id	INT	Not Null	Unique identifier of the customer entity
	seat_id	INT	Not Null	Unique identifier of the seat
	schedule_id	INT	Not Null	Unique identifier of the schedule entity
Other Attributes	ticket_price	NUM	Not Null	Price of the ticket

15. Seat – This entity entity captures information about specific seat in each hall.

Entity Name: Ticket	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	seat_id	INT	Not Null	Unique identifier of the seat
Other Attributes	seat_code	INT	Not Null	The code of a specific seat
Foreign Key.	theatre_id	INT	Not Null	Unique identifier of the theatre
	hall_id	INT	Not Null	Unique identifier of the hall

16. People – This entity captures information about the people who participate in making movies.

Entity Name: Movie schedule	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	people_id	INT	Not Null	Unique identifier of people who involve in making movies
Other Attributes	people_firstname	VARCHAR(20)	Not Null	First name of a specific person
	people_lastname	VARCHAR(20)	Not Null	Last name of a specific person
	people_gender	VARCHAR(10)	Not Null	Gender of a specific person
	people_dateofbirth	DATE	Null	Date of birth of a specific person
	people_country	VARCHAR(50)	Null	Nationality of a specific person
	people_website	VARCHAR(50)	Null	Official website of a specific person

17. Roles – This entity captures information about the different roles people play in making movies.

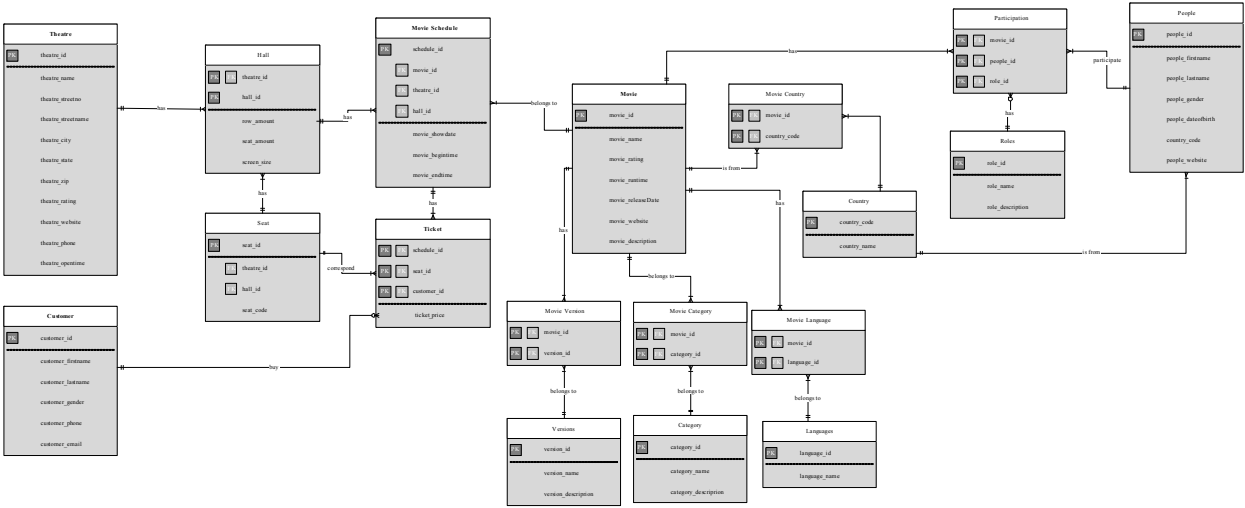
Entity Name: Roles	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key	role_id	INT	Not Null	Unique identifier of the roles
Other Attributes	role_name	VARCHAR(20)	Not Null	Name of the roles
	role_description	VARCHAR(300)	Null	Description of the roles

18. Participation – This entity captures information about the roles a certain person plays in making a certain movie.

Entity Name: Participation	Attribute Name	Field Type	Null/Not Null	Explanation
Primary Key, Foreign Key	movie_id	INT	Not Null	Unique identifier of the movie entity
	people_id	INT	Not Null	Unique identifier of the people entity
	role_id	INT	Not Null	Unique identifier of the role entity



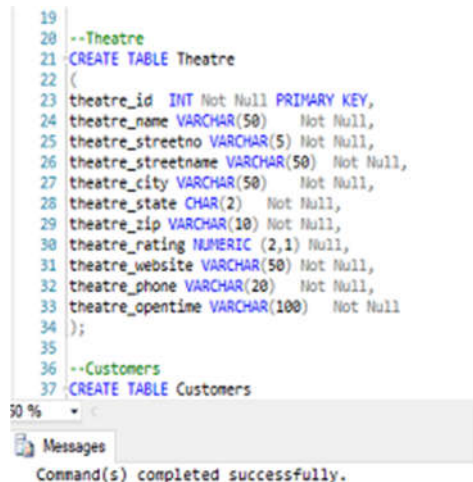
ENTITY- RELATIONSHIP DIAGRAM



## CREATION OF TABLES

--Theatre

```
CREATE TABLE Theatre
(
theatre_id INT Not Null PRIMARY KEY,
theatre_name VARCHAR(50) Not Null,
theatre_streetno VARCHAR(5) Not Null,
theatre_streetname VARCHAR(50) Not Null,
theatre_city VARCHAR(50) Not Null,
theatre_state CHAR(2) Not Null,
theatre_zip VARCHAR(10) Not Null,
theatre_rating NUMERIC (2,1) Null,
theatre_website VARCHAR(50) Not Null,
theatre_phone VARCHAR(20) Not Null,
theatre_opentime VARCHAR(100) Not Null
);
```



The screenshot shows a SQL command window with a dark background. The command to create the 'Theatre' table is entered and executed. The command is:   
19  
20 --Theatre  
21 CREATE TABLE Theatre  
22 (  
23 theatre\_id INT Not Null PRIMARY KEY,  
24 theatre\_name VARCHAR(50) Not Null,  
25 theatre\_streetno VARCHAR(5) Not Null,  
26 theatre\_streetname VARCHAR(50) Not Null,  
27 theatre\_city VARCHAR(50) Not Null,  
28 theatre\_state CHAR(2) Not Null,  
29 theatre\_zip VARCHAR(10) Not Null,  
30 theatre\_rating NUMERIC (2,1) Null,  
31 theatre\_website VARCHAR(50) Not Null,  
32 theatre\_phone VARCHAR(20) Not Null,  
33 theatre\_opentime VARCHAR(100) Not Null  
34 );  
35  
36 --Customers  
37 CREATE TABLE Customers  
38 (  
39 customer\_id INT Not Null PRIMARY KEY,  
40 customer\_firstname VARCHAR(20) Not Null,  
41 customer\_lastname VARCHAR(20) Not Null,  
42 customer\_gender VARCHAR(10) Not Null,  
43 customer\_phone VARCHAR(20) Null,  
44 customer\_email VARCHAR(50) Null  
45 );  
46  
47  
48  
49  
50 %  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
841  
842  
843  
844  
845  
846  
847  
848  
849  
850  
851  
852  
853  
854  
855  
856  
857  
858  
859  
860  
861  
862  
863  
864  
865  
866  
867  
868  
869  
870  
871  
872  
873  
874  
875  
876  
877  
878  
879  
880  
881  
882  
883  
884  
885  
886  
887  
888  
889  
890  
891  
892  
893  
894  
895  
896  
897  
898  
899  
900  
901  
902  
903  
904  
905  
906  
907  
908  
909  
910  
911  
912  
913  
914  
915  
916  
917  
918  
919  
920  
921  
922  
923  
924  
925  
926  
927  
928  
929  
930  
931  
932  
933  
934  
935  
936  
937  
938  
939  
940  
941  
942  
943  
944  
945  
946  
947  
948  
949  
950  
951  
952  
953  
954  
955  
956  
957  
958  
959  
960  
961  
962  
963  
964  
965  
966  
967  
968  
969  
970  
971  
972  
973  
974  
975  
976  
977  
978  
979  
980  
981  
982  
983  
984  
985  
986  
987  
988  
989  
990  
991  
992  
993  
994  
995  
996  
997  
998  
999  
1000  
1001  
1002  
1003  
1004  
1005  
1006  
1007  
1008  
1009  
1010  
1011  
1012  
1013  
1014  
1015  
1016  
1017  
1018  
1019  
1020  
1021  
1022  
1023  
1024  
1025  
1026  
1027  
1028  
1029  
1030  
1031  
1032  
1033  
1034  
1035  
1036  
1037  
1038  
1039  
1040  
1041  
1042  
1043  
1044  
1045  
1046  
1047  
1048  
1049  
1050  
1051  
1052  
1053  
1054  
1055  
1056  
1057  
1058  
1059  
1060  
1061  
1062  
1063  
1064  
1065  
1066  
1067  
1068  
1069  
1070  
1071  
1072  
1073  
1074  
1075  
1076  
1077  
1078  
1079  
1080  
1081  
1082  
1083  
1084  
1085  
1086  
1087  
1088  
1089  
1090  
1091  
1092  
1093  
1094  
1095  
1096  
1097  
1098  
1099  
1100  
1101  
1102  
1103  
1104  
1105  
1106  
1107  
1108  
1109  
1110  
1111  
1112  
1113  
1114  
1115  
1116  
1117  
1118  
1119  
1120  
1121  
1122  
1123  
1124  
1125  
1126  
1127  
1128  
1129  
1130  
1131  
1132  
1133  
1134  
1135  
1136  
1137  
1138  
1139  
1140  
1141  
1142  
1143  
1144  
1145  
1146  
1147  
1148  
1149  
1150  
1151  
1152  
1153  
1154  
1155  
1156  
1157  
1158  
1159  
1160  
1161  
1162  
1163  
1164  
1165  
1166  
1167  
1168  
1169  
1170  
1171  
1172  
1173  
1174  
1175  
1176  
1177  
1178  
1179  
1180  
1181  
1182  
1183  
1184  
1185  
1186  
1187  
1188  
1189  
1190  
1191  
1192  
1193  
1194  
1195  
1196  
1197  
1198  
1199  
1200  
1201  
1202  
1203  
1204  
1205  
1206  
1207  
1208  
1209  
1210  
1211  
1212  
1213  
1214  
1215  
1216  
1217  
1218  
1219  
1220  
1221  
1222  
1223  
1224  
1225  
1226  
1227  
1228  
1229  
1230  
1231  
1232  
1233  
1234  
1235  
1236  
1237  
1238  
1239  
1240  
1241  
1242  
1243  
1244  
1245  
1246  
1247  
1248  
1249  
1250  
1251  
1252  
1253  
1254  
1255  
1256  
1257  
1258  
1259  
1260  
1261  
1262  
1263  
1264  
1265  
1266  
1267  
1268  
1269  
1270  
1271  
1272  
1273  
1274  
1275  
1276  
1277  
1278  
1279  
1280  
1281  
1282  
1283  
1284  
1285  
1286  
1287  
1288  
1289  
1290  
1291  
1292  
1293  
1294  
1295  
1296  
1297  
1298  
1299  
1300  
1301  
1302  
1303  
1304  
1305  
1306  
1307  
1308  
1309  
1310  
1311  
1312  
1313  
1314  
1315  
1316  
1317  
1318  
1319  
1320  
1321  
1322  
1323  
1324  
1325  
1326  
1327  
1328  
1329  
1330  
1331  
1332  
1333  
1334  
1335  
1336  
1337  
1338  
1339  
1340  
1341  
1342  
1343  
1344  
1345  
1346  
1347  
1348  
1349  
1350  
1351  
1352  
1353  
1354  
1355  
1356  
1357  
1358  
1359  
1360  
1361  
1362  
1363  
1364  
1365  
1366  
1367  
1368  
1369  
1370  
1371  
1372  
1373  
1374  
1375  
1376  
1377  
1378  
1379  
1380  
1381  
1382  
1383  
1384  
1385  
1386  
1387  
1388  
1389  
1390  
1391  
1392  
1393  
1394  
1395  
1396  
1397  
1398  
1399  
1400  
1401  
1402  
1403  
1404  
1405  
1406  
1407  
1408  
1409  
1410  
1411  
1412  
1413  
1414  
1415  
1416  
1417  
1418  
1419  
1420  
1421  
1422  
1423  
1424  
1425  
1426  
1427  
1428  
1429  
1430  
1431  
1432  
1433  
1434  
1435  
1436  
1437  
1438  
1439  
1440  
1441  
1442  
1443  
1444  
1445  
1446  
1447  
1448  
1449  
1450  
1451  
1452  
1453  
1454  
1455  
1456  
1457  
1458  
1459  
1460  
1461  
1462  
1463  
1464  
1465  
1466  
1467  
1468  
1469  
1470  
1471  
1472  
1473  
1474  
1475  
1476  
1477  
1478  
1479  
1480  
1481  
1482  
1483  
1484  
1485  
1486  
1487  
1488  
1489  
1490  
1491  
1492  
1493  
1494  
1495  
1496  
1497  
1498  
1499  
1500  
1501  
1502  
1503  
1504  
1505  
1506  
1507  
1508  
1509  
1510  
1511  
1512  
1513  
1514  
1515  
1516  
1517  
1518  
1519  
1520  
1521  
1522  
1523  
1524  
1525  
1526  
1527  
1528  
1529  
1530  
1531  
1532  
1533  
1534  
1535  
1536  
1537  
1538  
1539  
1540  
1541  
1542  
1543  
1544  
1545  
1546  
1547  
1548  
1549  
1550  
1551  
1552  
1553  
1554  
1555  
1556  
1557  
1558  
1559  
1560  
1561  
1562  
1563  
1564  
1565  
1566  
1567  
1568  
1569  
1570  
1571  
1572  
1573  
1574  
1575  
1576  
1577  
1578  
1579  
1580  
1581  
1582  
1583  
1584  
1585  
1586  
1587  
1588  
1589  
1590  
1591  
1592  
1593  
1594  
1595  
1596  
1597  
1598  
1599  
1600  
1601  
1602  
1603  
1604  
1605  
1606  
1607  
1608  
1609  
1610  
1611  
1612  
1613  
1614  
1615  
1616  
1617  
1618  
1619  
1620  
1621  
1622  
1623  
1624  
1625  
1626  
1627  
1628  
1629  
1630  
1631  
1632  
1633  
1634  
1635  
1636  
1637  
1638  
1639  
1640  
1641  
1642  
1643  
1644  
1645  
1646  
1647  
1648  
1649  
1650  
1651  
1652  
1653  
1654  
1655  
1656  
1657  
1658  
1659  
1660  
1661  
1662  
1663  
1664  
1665  
1666  
1667  
1668  
1669  
1670  
1671  
1672  
1673  
1674  
1675  
1676  
1677  
1678  
1679  
1680  
1681  
1682  
1683  
1684  
1685  
1686  
1687  
1688  
1689  
1690  
1691  
1692  
1693  
1694  
1695  
1696  
1697  
1698  
1699  
1700  
1701  
1702  
1703  
1704  
1705  
1706  
1707  
1708  
1709  
1710  
1711  
1712  
1713  
1714  
1715  
1716  
1717  
1718  
1719  
1720  
1721  
1722  
1723  
1724  
1725  
1726  
1727  
1728  
1729  
1730  
1731  
1732  
1733  
1734  
1735  
1736  
1737  
1738  
1739  
1740  
1741  
1742  
1743  
1744  
1745  
1746  
1747  
1748  
1749  
1750  
1751  
1752  
1753  
1754  
1755  
1756  
1757  
1758  
1759  
1760  
1761  
1762  
1763  
1764  
1765  
1766  
1767  
1768  
1769  
1770  
1771  
1772  
1773  
1774  
1775  
1776  
1777  
1778  
1779  
1780  
1781  
1782  
1783  
1784  
1785  
1786  
1787  
1788  
1789  
1790  
1791  
1792  
1793  
1794  
1795  
1796  
1797  
1798  
1799  
1800  
1801  
1802  
1803  
1804  
1805  
1806  
1807  
1808  
1809  
1810  
1811  
1812  
1813  
1814  
1815  
1816  
1817  
1818  
1819  
1820  
1821  
1822  
1823  
1824  
1825  
1826  
1827  
1828  
1829  
1830  
1831  
1832  
1833  
1834  
1835  
1836  
1837  
1838  
1839  
1840  
1841  
1842  
1843  
1844  
1845  
1846  
1847  
1848  
1849  
1850  
1851  
1852  
1853  
1854  
1855  
1856  
1857  
1858  
1859  
1860  
1861  
1862  
1863  
1864  
1865  
1866  
1867  
1868  
1869  
1870  
1871  
1872  
1873  
1874  
1875  
1876  
1877  
1878  
1879  
1880  
1881  
1882  
1883  
1884  
1885  
1886  
1887  
1888  
1889  
1890  
1891  
1892  
1893  
1894  
1895  
1896  
1897  
1898  
1899  
1900  
1901  
1902  
1903  
1904  
1905  
1906  
1907  
1908  
1909  
1910  
1911  
1912  
1913  
1914  
1915  
1916  
1917  
1918  
1919  
1920  
1921  
1922  
1923  
1924  
1925  
1926  
1927  
1928  
1929  
1930  
1931  
1932  
1933  
1934  
1935  
1936  
1937  
1938  
1939  
1940  
1941  
1942  
1943  
1944  
1945  
1946  
1947  
1948  
1949  
1950  
1951  
1952  
1953  
1954  
1955  
1956  
1957  
1958  
1959  
1960  
1961  
1962  
1963  
1964  
1965  
1966  
1967  
1968  
1969  
1970  
1971  
1972  
1973  
1974  
1975  
1976  
1977  
1978  
1979  
1980  
1981  
1982  
1983  
1984  
1985  
1986  
1987  
1988  
1989  
1990  
1991  
1992  
1993  
1994  
1995  
1996  
1997  
1998  
1999  
2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
2027  
2028  
2029  
2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040  
2041  
2042  
2043  
2044  
2045  
2046  
2047  
2048  
2049  
2050  
2051  
2052  
2053  
2054  
2055  
2056  
2057  
2058  
2059  
2060  
2061  
2062  
2063  
2064  
2065  
2066  
2067  
2068  
2069  
2070  
2071  
2072  
2073  
2074  
2075  
2076  
2077  
2078  
2079  
2080  
2081  
2082  
2083  
2084  
2085  
2086  
2087  
2088  
2089  
2090  
2091  
2092  
2093  
2094  
2095  
2096  
2097  
2098  
2099  
2100  
2101  
2102  
2103  
2104  
2105  
2106  
2107  
2108  
2109  
2110  
2111  
2112  
2113  
2114  
2115  
2116  
2117  
2118  
2119  
2120  
2121  
2122  
2123  
2124  
2125  
2126  
2127  
2128  
2129  
2130  
2131  
2132  
2133  
2134  
2135  
2136  
2137  
2138  
2139  
2140  
2141  
2142  
2143  
2144  
2145  
2146  
2147  
2148  
2149  
2150  
2151  
2152  
2153  
2154  
2155  
2156  
2157  
2158  
2159  
2160  
2161  
2162  
2163  
2164  
2165  
2166  
2167  
2168  
2169  
217

```

36 --Customers
37 CREATE TABLE Customers
38 (
39     customer_id INT Not Null PRIMARY KEY,
40     customer_firstname VARCHAR(20) Not Null,
41     customer_lastname VARCHAR(20) Not Null,
42     customer_gender VARCHAR(10) Not Null,
43     customer_phone VARCHAR(20) Null,
44     customer_email VARCHAR(50) Null
45 );
46
47 --Versions
48 CREATE TABLE Versions
49 (
50     version_id INT Not Null PRIMARY KEY,
51     version_name VARCHAR(20) Not Null,
52     version_description VARCHAR(300) Null
53 );
54
55 --Category
56 CREATE TABLE Category
57 (

```

50 %

Messages

Command(s) completed successfully.

```
-- Hall
CREATE TABLE Hall
(
theatre_id INT      Not Null,
hall_id INT    Not Null,
row_amount  INT    Not Null,
seat_amount INT    Not Null,
screen_size VARCHAR(20)      Null,
CONSTRAINT Hall_PK PRIMARY KEY (theatre_id,hall_id),
CONSTRAINT Hall_FK FOREIGN KEY (theatre_id) REFERENCES
Theatre(theatre_id)
);
```

```

55 --Category
56 CREATE TABLE Category
57 (
58 category_id INT Not Null PRIMARY KEY,
59 category_name VARCHAR(20) Not Null,
60 category_description VARCHAR(300) Null
61 );
62
63 -- Hall
64 CREATE TABLE Hall
65 (
66 theatre_id INT Not Null,
67 hall_id INT Not Null,
68 row_amount INT Not Null,
69 seat_amount INT Not Null,
70 screen_size VARCHAR(20) Null,
71 CONSTRAINT Hall_PK PRIMARY KEY (theatre_id,hall_id),
72 CONSTRAINT Hall_FK FOREIGN KEY (theatre_id) REFERENCES Theatre(theatre_id)
73 );
74
0 %
Messages
Command(s) completed successfully.

```

--Movie

```

CREATE TABLE Movie(
movie_id INT PRIMARY KEY Not Null,
movie_name VARCHAR(50) Not Null,
movie_rating NUMERIC(2,1) Null,
movie_runtime VARCHAR(20) Not Null,
movie_releaseDate Date Null,
movie_website VARCHAR(50) Null,
movie_description VARCHAR(300) Not Null
);

```

--Movie\_schedule

```

CREATE TABLE Movie_schedule
(
schedule_id INT Not Null PRIMARY KEY,
movie_id INT Not Null,
theatre_id INT Not Null,
hall_id INT Not Null,
movie_showdate DATE Not Null,
movie_begintime TIME Not Null,
movie_endtime TIME Not Null,
CONSTRAINT Movie_schedule_FK1 FOREIGN KEY (movie_id) REFERENCES
Movie(movie_id),
CONSTRAINT Movie_schedule_FK FOREIGN KEY (theatre_id,hall_id)
REFERENCES Hall(theatre_id,hall_id)
)

```

```

75 --Movie
76 CREATE TABLE Movie(
77 movie_id INT PRIMARY KEY Not Null,
78 movie_name VARCHAR(50) Not Null,
79 movie_rating NUMERIC(2,1) Null,
80 movie_runtime VARCHAR(20) Not Null,
81 movie_releaseDate Date Null,
82 movie_website VARCHAR(50) Null,
83 movie_description VARCHAR(300) Not Null
84 );
85
86 --Movie_schedule
87 CREATE TABLE Movie_schedule
88 (
89 schedule_id INT Not Null PRIMARY KEY,
90 movie_id INT Not Null,
91 theatre_id INT Not Null,
92 hall_id INT Not Null,
93 movie_showdate DATE Not Null,
94 movie_begintime TIME Not Null,
95 movie_endtime TIME Not Null,
96 CONSTRAINT Movie_schedule_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
97 CONSTRAINT Movie_schedule_FK FOREIGN KEY (theatre_id,hall_id) REFERENCES Hall(theatre_id,hall_id)
98 )

```

50 %

Messages

Command(s) completed successfully.

--Seat

CREATE TABLE Seat

```

(
seat_id      INT    Not Null PRIMARY KEY,
theatre_id INT Not Null,
hall_id INT    Not Null,
seat_code VARCHAR(4) Not Null,
CONSTRAINT Seat_FK FOREIGN KEY (theatre_id,hall_id) REFERENCES
Hall(theatre_id,hall_id)
)

```

--Ticket

CREATE TABLE Ticket

```

(
schedule_id INT    Not Null,
seat_id INT    Not Null,
customer_id INT    Not Null,
ticket_price NUMERIC Not Null,
CONSTRAINT Ticket_PK PRIMARY KEY (schedule_id, seat_id, customer_id),
CONSTRAINT Ticket_FK1 FOREIGN KEY (schedule_id) REFERENCES
Movie_schedule(schedule_id),
CONSTRAINT Ticket_FK2 FOREIGN KEY (seat_id) REFERENCES Seat(seat_id),
CONSTRAINT Ticket_FK3 FOREIGN KEY (customer_id) REFERENCES
Customers(customer_id)
)

```

```

99
100 --Seat
101 CREATE TABLE Seat
102 (
103 seat_id INT Not Null PRIMARY KEY,
104 theatre_id INT Not Null,
105 hall_id INT Not Null,
106 seat_code VARCHAR(4) Not Null,
107 CONSTRAINT Seat_FK FOREIGN KEY (theatre_id,hall_id) REFERENCES Hall(theatre_id,hall_id)
108 )
109
110 --Ticket
111 CREATE TABLE Ticket
112 (
113 schedule_id INT Not Null,
114 seat_id INT Not Null,
115 customer_id INT Not Null,
116 ticket_price NUMERIC Not Null,
117 CONSTRAINT Ticket_PK PRIMARY KEY (schedule_id, seat_id, customer_id),
118 CONSTRAINT Ticket_FK1 FOREIGN KEY (schedule_id) REFERENCES Movie_schedule(schedule_id),
119 CONSTRAINT Ticket_FK2 FOREIGN KEY (seat_id) REFERENCES Seat(seat_id),
120 CONSTRAINT Ticket_FK3 FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)
121 )
122
50 %
Messages
Command(s) completed successfully.

```

--People

```

CREATE TABLE People(
people_id INT PRIMARY KEY Not Null,
people_firstname VARCHAR(20) Not Null,
people_lastname VARCHAR(20) Not Null,
people_gender VARCHAR(10) Not Null,
people_dateofbirth DATE Null,
country_code INT Null,
people_website VARCHAR(50)Null
);

```

--Country

```

CREATE TABLE Country(
country_code INT Primary Key Not Null,
country_name VARCHAR(50) Not Null
);

```

--Roles

```

CREATE TABLE Roles(
role_id INT PRIMARY KEY Not Null,
role_name VARCHAR(20) Not Null,
role_description VARCHAR(300) Null
);

```

```

122
123 --People
124 CREATE TABLE People(
125     people_id INT PRIMARY KEY Not Null,
126     people_firstname VARCHAR(20) Not Null,
127     people_lastname VARCHAR(20) Not Null,
128     people_gender VARCHAR(10) Not Null,
129     people_dateofbirth DATE Null,
130     country_code INT Null,
131     people_website VARCHAR(50)Null
132 );
133
134
135 --Country
136 CREATE TABLE Country(
137     country_code INT Primary Key Not Null,
138     country_name VARCHAR(50) Not Null
139 );
140
141
142 --Roles
143 CREATE TABLE Roles(
144     role_id INT PRIMARY KEY Not Null,
145     role_name VARCHAR(20) Not Null,
146     role_description VARCHAR(300) Null
147 );
148
50 %
Messages
Command(s) completed successfully.

```

--Languages

```

CREATE TABLE Languages(
language_id INT PRIMARY KEY Not Null,
language_name VARCHAR(50) Not Null
);

```

--Movie\_category

```

CREATE TABLE Movie_category(
movie_id INT Not Null,
category_id INT Not Null,

```

```

constraint Movie_category_PK PRIMARY KEY (movie_id,category_id),
constraint Movie_category_FK1 FOREIGN KEY (movie_id) REFERENCES
Movie(movie_id),
constraint Movie_category_FK2 FOREIGN KEY (category_id) REFERENCES
Category(category_id)
);

```

--Movie\_country

```

CREATE TABLE Movie_country(
movie_id INT Not Null,
country_code INT Not Null,
constraint Movie_country_PK PRIMARY KEY (movie_id,country_code),

```

```

    constraint Movie_country_FK1 FOREIGN KEY (movie_id) REFERENCES
Movie(movie_id),
    constraint Movie_country_FK2 FOREIGN KEY (country_code) REFERENCES
Country(country_code)
);

```

```

149 --Languages
150 CREATE TABLE Languages(
151 language_id INT PRIMARY KEY Not Null,
152 language_name VARCHAR(50) Not Null
153 );
154
155 --Movie_category
156 CREATE TABLE Movie_category(
157 movie_id INT Not Null,
158 category_id INT Not Null,
159
160 constraint Movie_category_PK PRIMARY KEY (movie_id,category_id),
161 constraint Movie_category_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
162 constraint Movie_category_FK2 FOREIGN KEY (category_id) REFERENCES Category(category_id)
163 );
164
165 --Movie_country
166 CREATE TABLE Movie_country(
167 movie_id INT Not Null,
168 country_code INT Not Null,
169 constraint Movie_country_PK PRIMARY KEY (movie_id,country_code),
170 constraint Movie_country_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
171 constraint Movie_country_FK2 FOREIGN KEY (country_code) REFERENCES Country(country_code)
172 );

```

50 %

Messages

Command(s) completed successfully.

```

--Movie_language
CREATE TABLE Movie_language (
    movie_id INT Not Null,
    language_id INT Not Null,

    constraint Movie_language_PK PRIMARY KEY (movie_id,language_id),
    constraint Movie_language_FK1 FOREIGN KEY (movie_id) REFERENCES
Movie(movie_id),
    constraint Movie_language_FK2 FOREIGN KEY (language_id) REFERENCES
Languages(language_id)
);

```

```

--Movie_version
CREATE TABLE Movie_version (
    movie_id INT Not Null,
    version_id INT Not Null,

    constraint Movie_version_PK PRIMARY KEY (movie_id,version_id),
    constraint Movie_version_FK1 FOREIGN KEY (movie_id) REFERENCES
Movie(movie_id),
    constraint Movie_version_FK2 FOREIGN KEY (version_id) REFERENCES
versions(version_id)
);

```



);

--Participation

CREATE TABLE Participation (

movie\_id INT Not Null,

people\_id INT Not Null,

role\_id INT Not Null,

constraint Participation\_PK PRIMARY KEY (movie\_id,people\_id,role\_id),

constraint Participation\_FK1 FOREIGN KEY (movie\_id) REFERENCES

Movie(movie\_id),

constraint Participation\_FK2 FOREIGN KEY (people\_id) REFERENCES

People(people\_id),

constraint Participation\_FK3 FOREIGN KEY (role\_id) REFERENCES Roles(role\_id)

);

```
174 --Movie_language
175 CREATE TABLE Movie_language (
176 movie_id INT Not Null,
177 language_id INT Not Null,
178
179 constraint Movie_language_PK PRIMARY KEY (movie_id,language_id),
180 constraint Movie_language_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
181 constraint Movie_language_FK2 FOREIGN KEY (language_id) REFERENCES Languages(language_id)
182 );
183
184 --Movie_version
185 CREATE TABLE Movie_version (
186 movie_id INT Not Null,
187 version_id INT Not Null,
188
189 constraint Movie_version_PK PRIMARY KEY (movie_id,version_id),
190 constraint Movie_version_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
191 constraint Movie_version_FK2 FOREIGN KEY (version_id) REFERENCES versions(version_id)
192 );
193
194 --Participation
195 CREATE TABLE Participation (
196 movie_id INT Not Null,
197 people_id INT Not Null,
198 role_id INT Not Null,
199
200 constraint Participation_PK PRIMARY KEY (movie_id,people_id,role_id),
201 constraint Participation_FK1 FOREIGN KEY (movie_id) REFERENCES Movie(movie_id),
202 constraint Participation_FK2 FOREIGN KEY (people_id) REFERENCES People(people_id),
203 constraint Participation_FK3 FOREIGN KEY (role_id) REFERENCES Roles(role_id)
204 );
```

50 %

Messages

Command(s) completed successfully.

-- INSERT DATA

-- Theatre

INSERT INTO Theatre VALUES ('1','AMC Theatres', '112', 'Lafayette Rd', 'Syracuse', 'NY', '13205', '4.8', 'www.AMCTheatres.com', '315-555-5555', '9am-11pm Monday-Sunday')

```

INSERT INTO Theatre VALUES ('2','Regal Entertainment Group', '17', 'James St',
'Syracuse', 'NY', '13210', '4.5','www.reg.com','315-555-6666','11am-2am Monday-
Sunday')
INSERT INTO Theatre VALUES ('3','Cinemark','410', 'Comstock Ave', 'Syracuse',
'NY', '13222','3.8','www.cinemark.com','315-555-7777','10am-1am Monday-Sunday')
INSERT INTO Theatre VALUES ('4','Marcus Theatres','4248', 'Nottingham
Rd','Syracuse', 'NY', '13205','4.6','www.marcustheatre.com','315-555-7778','9:30am-
1am Monday-Sunday')
INSERT INTO Theatre VALUES ('5','Harkins Theatres', '3', 'Ostrom Ave','Syracuse',
'NY', '13210','4.2','www.harkinstheatre.com','315-555-6667','10:30am-11:30pm
Monday-Sunday')
INSERT INTO Theatre VALUES ('6','Cineplex Entertainment','137', 'Summer
Ave','Syracuse', 'NY','13222','4.3','www.cinplex.com','315-555-4321','11am-12am
Monday-Sunday')

```

-- Hall

```

INSERT INTO Hall VALUES ('1','1','5','50','52 by 72 feet')
INSERT INTO Hall VALUES ('1','2','5','50','42 by 72 feet')
INSERT INTO Hall VALUES ('1','3','5','50','52 by 62 feet')
INSERT INTO Hall VALUES ('1','4','5','50','50 by 62 feet')
INSERT INTO Hall VALUES ('2','1','5','50','53 by 72 feet')
INSERT INTO Hall VALUES ('2','2','5','50','54 by 71 feet')
INSERT INTO Hall VALUES ('2','3','5','50','55 by 70 feet')
INSERT INTO Hall VALUES ('3','1','5','50','56 by 69 feet')
INSERT INTO Hall VALUES ('3','2','5','50','57 by 68 feet')
INSERT INTO Hall VALUES ('3','3','5','50','58 by 67 feet')
INSERT INTO Hall VALUES ('4','1','5','50','59 by 66 feet')
INSERT INTO Hall VALUES ('4','2','5','50','60 by 66 feet')
INSERT INTO Hall VALUES ('4','3','5','50','61 by 70 feet')
INSERT INTO Hall VALUES ('4','4','5','50','69 by 72 feet')

```

```

224
225 -- INSERT DATA
226 -- Theatre
227 INSERT INTO Theatre VALUES ('1','APC Theatres','112','Lafayette Rd','Syracuse','NY','13205','4.8','www.APCTheatres.com','315-555-5555','9am-11pm Monday-Sunday')
228 INSERT INTO Theatre VALUES ('2','Regal Entertainment Group','17','James St','Syracuse','NY','13210','4.5','www.reg.com','315-555-6666','11am-2am Monday-Sunday')
229 INSERT INTO Theatre VALUES ('3','Cinemark','410','Constock Ave','Syracuse','NY','13222','3.8','www.cinemark.com','315-555-7777','10am-1am Monday-Sunday')
230 INSERT INTO Theatre VALUES ('4','Marcus Theatres','4248','Nottingham Rd','Syracuse','NY','13205','4.6','www.marcustheatre.com','315-555-7778','9:30am-1am Monday-Sunday')
231 INSERT INTO Theatre VALUES ('5','Harkins Theatres','3','Ostron Ave','Syracuse','NY','13210','4.2','www.harkinstheatre.com','315-555-6667','10:30am-11:30pm Monday-Sunday')
232 INSERT INTO Theatre VALUES ('6','Cineplex Entertainment','137','Summer Ave','Syracuse','NY','13222','4.3','www.cinplex.com','315-555-4321','11am-12am Monday-Sunday')
233
234
235 -- Hall
236 INSERT INTO Hall VALUES ('1','1','5','50','52 by 72 feet')
237 INSERT INTO Hall VALUES ('1','2','5','50','42 by 72 feet')
238 INSERT INTO Hall VALUES ('1','3','5','50','52 by 62 feet')
239 INSERT INTO Hall VALUES ('1','4','5','50','50 by 62 feet')
240 INSERT INTO Hall VALUES ('2','1','5','50','53 by 72 feet')
241 INSERT INTO Hall VALUES ('2','2','5','50','54 by 71 feet')
242 INSERT INTO Hall VALUES ('2','3','5','50','55 by 70 feet')
243 INSERT INTO Hall VALUES ('3','1','5','50','56 by 69 feet')
244 INSERT INTO Hall VALUES ('3','2','5','50','57 by 68 feet')
245 INSERT INTO Hall VALUES ('3','3','5','50','58 by 67 feet')
246 INSERT INTO Hall VALUES ('4','1','5','50','59 by 66 feet')
247 INSERT INTO Hall VALUES ('4','2','5','50','60 by 66 feet')
248 INSERT INTO Hall VALUES ('4','3','5','50','61 by 70 feet')
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

```

50 %

Messages

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

100 %

Query executed successfully.

ist-s-students.syr.edu (12... AD'sun68 (97) IST659\_M004

--Seat

```

INSERT INTO Seat VALUES ('1','1','1','A1')
INSERT INTO Seat VALUES ('2','1','2','A2')
INSERT INTO Seat VALUES ('3','1','3','A3')
INSERT INTO Seat VALUES ('4','1','4','A4')
INSERT INTO Seat VALUES ('5','1','1','A5')
INSERT INTO Seat VALUES ('6','1','2','B1')
INSERT INTO Seat VALUES ('7','1','3','B2')
INSERT INTO Seat VALUES ('8','1','4','B3')
INSERT INTO Seat VALUES ('9','1','2','C1')
INSERT INTO Seat VALUES ('10','2','1','C2')
INSERT INTO Seat VALUES ('11','2','2','D3')
INSERT INTO Seat VALUES ('12','2','3','E4')
INSERT INTO Seat VALUES ('13','3','1','B5')
INSERT INTO Seat VALUES ('14','3','2','D6')
INSERT INTO Seat VALUES ('15','3','3','C7')
INSERT INTO Seat VALUES ('16','3','1','A8')
INSERT INTO Seat VALUES ('17','4','1','D9')
INSERT INTO Seat VALUES ('18','4','2','B10')
INSERT INTO Seat VALUES ('19','4','3','C2')
INSERT INTO Seat VALUES ('20','4','4','D3')
INSERT INTO Seat VALUES ('21','4','4','C4')
INSERT INTO Seat VALUES ('22','4','3','B5')
INSERT INTO Seat VALUES ('23','4','2','C6')
INSERT INTO Seat VALUES ('24','4','2','D7')
INSERT INTO Seat VALUES ('25','4','1','E8')

```

```
240
241 --Seat
242 INSERT INTO Seat VALUES ('1','1','1','A1')
243 INSERT INTO Seat VALUES ('2','1','2','A2')
244 INSERT INTO Seat VALUES ('3','1','3','A3')
245 INSERT INTO Seat VALUES ('4','1','4','A4')
246 INSERT INTO Seat VALUES ('5','1','1','A5')
247 INSERT INTO Seat VALUES ('6','1','2','B1')
248 INSERT INTO Seat VALUES ('7','1','3','B2')
249 INSERT INTO Seat VALUES ('8','1','4','B3')
250 INSERT INTO Seat VALUES ('9','1','2','C1')
251 INSERT INTO Seat VALUES ('10','2','1','C2')
252 INSERT INTO Seat VALUES ('11','2','2','D3')
253 INSERT INTO Seat VALUES ('12','2','3','E4')
254 INSERT INTO Seat VALUES ('13','3','1','B5')
255 INSERT INTO Seat VALUES ('14','3','2','D6')
256 INSERT INTO Seat VALUES ('15','3','3','C7')
257 INSERT INTO Seat VALUES ('16','3','1','A8')
258 INSERT INTO Seat VALUES ('17','4','1','D9')
259 INSERT INTO Seat VALUES ('18','4','2','B10')
260 INSERT INTO Seat VALUES ('19','4','3','C2')
261 INSERT INTO Seat VALUES ('20','4','4','D3')
262 INSERT INTO Seat VALUES ('21','4','4','C4')
263 INSERT INTO Seat VALUES ('22','4','3','B5')
264 INSERT INTO Seat VALUES ('23','4','2','C6')
265 INSERT INTO Seat VALUES ('24','4','2','D7')
50 %
Messages
(1 row(s) affected)
(1 row(s) affected)
(1 row(s) affected)
100 %
Query executed successfully.
```

-- Customers

```
INSERT INTO Customers VALUES ('1','Kris','Marrier','male','410-655-8723','kris@gmail.com')
INSERT INTO Customers VALUES ('2','Minna','Amigon','female','215-874-1229','minna_amigon@yahoo.com')
INSERT INTO Customers VALUES ('3','Cammy','Albares','male','956-537-6195','calbares@gmail.com')
INSERT INTO Customers VALUES ('4','Alisha','Slusarski','female','732-658-3154','alisha@slusarski.com')
INSERT INTO Customers VALUES ('5','Lenna','Paprocki','female','907-385-4412','lpaprocki@hotmail.com')
INSERT INTO Customers VALUES ('6','Donette','Foller','male','513-570-1893','donette.foller@cox.net')
INSERT INTO Customers VALUES ('7','Simona','Morasca','female','419-503-2484','simona@morasca.com')
INSERT INTO Customers VALUES ('8','Sage','Wieser','male','605-414-2147','sage_wieser@cox.net')
INSERT INTO Customers VALUES ('9','Kiley','Caldarera','female','310-498-5651','kiley.caldarera@aol.com')
INSERT INTO Customers VALUES ('10','Gladys','Rim','female','414-661-9598','gladys.rim@rim.org')
```

```

INSERT INTO Customers VALUES ('11','Valentine','Gillian','male','210-812-
9597','valentine_gillian@gmail.com')
INSERT INTO Customers VALUES ('12','Erick','Ferencz','male','907-741-
1044','erick.ferencz@aol.com')
INSERT INTO Customers VALUES ('13','Jina','Brid','female','617-399-
5124','jina_brid@brid.com')
INSERT INTO Customers VALUES ('14','Amber','Monarrez','female','215-934-
8655','amber_monarrez@monarrez.org')
INSERT INTO Customers VALUES ('15','Karl','Klonowski','male','908-877-
6135','karl_klonowski@yahoo.com')

```

-- Roles

```

INSERT INTO Roles VALUES ('1','Director','The director is primarily responsible for
overseeing the shooting and assembly of a film.')
INSERT INTO Roles VALUES ('2','Producer','The producer is essentially the group
leader and is responsible for managing the production from start to finish. ')
INSERT INTO Roles VALUES ('3','Screenwriter','The screenwriter crafts dialogue in
a film and shapes the sequence of events in a film.')
INSERT INTO Roles VALUES ('4','Actor','The actor is responsible for portraying the
characters in a film.')

```

```

268 -- Customers
269 INSERT INTO Customers VALUES ('1','Kris','Harrier','male','410-655-8723','kris@gmail.com')
270 INSERT INTO Customers VALUES ('2','Minna','Amigon','female','215-874-1229','minna_amigon@yahoo.com')
271 INSERT INTO Customers VALUES ('3','Cammy','Albares','male','956-537-6195','calbares@gmail.com')
272 INSERT INTO Customers VALUES ('4','Alisha','Slusarski','female','732-658-3154','alisha@slusarski.com')
273 INSERT INTO Customers VALUES ('5','Lenna','Paprocki','female','907-385-4412','loaprocki@hotmail.com')
274 INSERT INTO Customers VALUES ('6','Donette','Foller','male','513-570-1893','donette.foller@cox.net')
275 INSERT INTO Customers VALUES ('7','Simona','Morasca','female','419-503-2484','simona@morasca.com')
276 INSERT INTO Customers VALUES ('8','Sage','Wieser','male','605-414-2147','sage_wieser@cox.net')
277 INSERT INTO Customers VALUES ('9','Kiley','Caldarera','female','310-498-5651','kiley.caldarera@aol.com')
278 INSERT INTO Customers VALUES ('10','Gladys','Rin','female','414-661-9598','gladys.rin@rin.org')
279 INSERT INTO Customers VALUES ('11','Valentine','Gillian','male','210-812-9597','valentine_gillian@gmail.com')
280 INSERT INTO Customers VALUES ('12','Erick','Ferencz','male','907-741-1044','erick.ferencz@aol.com')
281 INSERT INTO Customers VALUES ('13','Jina','Brid','female','617-399-5124','jina_brid@brid.com')
282 INSERT INTO Customers VALUES ('14','Amber','Monarrez','female','215-934-8655','amber_monarrez@monarrez.org')
283 INSERT INTO Customers VALUES ('15','Karl','Klonowski','male','908-877-6135','karl_klonowski@yahoo.com')
284
285 -- Roles
286 INSERT INTO Roles VALUES ('1','Director','The director is primarily responsible for overseeing the shooting and assembly of a film.')
287 INSERT INTO Roles VALUES ('2','Producer','The producer is essentially the group leader and is responsible for managing the production from start to finish. ')
288 INSERT INTO Roles VALUES ('3','Screenwriter','The screenwriter crafts dialogue in a film and shapes the sequence of events in a film.')
289 INSERT INTO Roles VALUES ('4','Actor','The actor is responsible for portraying the characters in a film.')
290

```

50 %

Messages

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

100 %

Query executed successfully. ist-s-students.syr.edu (12... ADIjsun68 (9)

-- People

```

INSERT INTO People VALUES
('1','Jose','Stockham','male','10/11/1964','1','www.tristaterefuelerco.com')
INSERT INTO People VALUES
('2','Kanisha','Waycott','female','12/08/1973','44','www.schroergeneesq.com')

```

INSERT INTO People VALUES  
 ('3','Emerson','Bowley','female','08/02/1970','34','www.knightsinn.com')  
 INSERT INTO People VALUES  
 ('4','Yuki','Whobrey','female','05/07/1977','45','www.farmersinsurancegroup.com')  
 INSERT INTO People VALUES  
 ('5','Stephaine','Barfield','male','9/9/1967','1','www.beutelschiescompany.com')  
 INSERT INTO People VALUES  
 ('6','Viva','Toelkes','female','8/10/1968','49','www.markivpressltd.com')  
 INSERT INTO People VALUES  
 ('7','Malinda','Hochard','female','8/19/1970','33','www.loganmemorial.com')  
 INSERT INTO People VALUES  
 ('8','Natalie','Fern','female','11/9/1972','39','www.kellycharlesgesq.com')  
 INSERT INTO People VALUES  
 ('9','Lisha','Centini','female','5/18/1974','54','www.industrialpapershreddersinc.com')  
 INSERT INTO People VALUES ('10','Chin-  
 Sun','Kim','male','8/25/1976','86','www.kimchinsun.com')  
 INSERT INTO People VALUES  
 ('11','Elza','Lipke','female','2/23/1980','49','www.museumofscienceindustry.com')  
 INSERT INTO People VALUES  
 ('12','Timothy','Mulqueen','male','9/8/1965','34','www.saronixnymphproducts.com')  
 INSERT INTO People VALUES  
 ('13','Josephine','Darakjy','male','10/8/1964','54','www.chanayjeffreyaesq.com')  
 INSERT INTO People VALUES  
 ('14','Art','Venere','female','7/18/1962','1','www.chemeljameslcpa.com')  
 INSERT INTO People VALUES  
 ('15','Wen','Jiang','male','5/30/1962','86','www.imdb.com/name/nm0422638/')  
 INSERT INTO People VALUES  
 ('16','Leota','Dilliard','female','7/17/1961','46','www.commercialpress.com')  
 INSERT INTO People VALUES  
 ('17','Abel','Maclead','male','6/12/1981','1','www.rangoniofflorence.com')  
 INSERT INTO People VALUES  
 ('18','Mattie','Poquette','male','6/19/1980','44','www.centurycommunications.com')  
 INSERT INTO People VALUES  
 ('19','Veronika','Inouye','female','6/12/1981','44','www.cnetworkinc.com')  
 INSERT INTO People VALUES  
 ('20','Willow','Kusko','male','4/21/1984','1','www.upullit.com')



```

291 -- People
292 INSERT INTO People VALUES ('1','Jose','Stockham','male','10/11/1964','1','www.tristaterefuelerco.com')
293 INSERT INTO People VALUES ('2','Kanisha','Waycott','female','12/08/1973','44','www.schroergeneesq.com')
294 INSERT INTO People VALUES ('3','Emerson','Bowley','female','08/02/1970','34','www.knightsinn.com')
295 INSERT INTO People VALUES ('4','Yuki','Hobrey','female','05/07/1977','45','www.farmersinsurancegroup.com')
296 INSERT INTO People VALUES ('5','Stephaine','Barfield','male','9/9/1967','1','www.beutelschiescompany.com')
297 INSERT INTO People VALUES ('6','Viva','Toelkes','female','8/10/1968','49','www.markivpressltd.com')
298 INSERT INTO People VALUES ('7','Malinda','Hochard','female','8/19/1970','33','www.loganmemorial.com')
299 INSERT INTO People VALUES ('8','Hatalie','Fern','female','11/9/1972','39','www.kellycharlesgesq.com')
300 INSERT INTO People VALUES ('9','Lisha','Centini','female','5/18/1974','54','www.industrialpapershreddersinc.com')
301 INSERT INTO People VALUES ('10','Chin-Sun','Kim','male','8/25/1976','86','www.kimchinsun.com')
302 INSERT INTO People VALUES ('11','Elza','Lipke','female','2/23/1980','49','www.museumofscienceindustry.com')
303 INSERT INTO People VALUES ('12','Timothy','Mulqueen','male','9/8/1965','34','www.saronixnymphproducts.com')
304 INSERT INTO People VALUES ('13','Josephine','Darakjy','male','10/8/1964','54','www.chanayjeffreyesq.com')
305 INSERT INTO People VALUES ('14','Art','Venere','female','7/18/1962','1','www.chemeljameslcpa.com')
306 INSERT INTO People VALUES ('15','Wen','Jiang','male','5/30/1962','86','www.imdb.com/name/nm0422638/')
307 INSERT INTO People VALUES ('16','Leota','Dilliard','female','7/17/1961','46','www.commercialpress.com')
308 INSERT INTO People VALUES ('17','Abel','Maclead','male','6/12/1981','1','www.rangoniofflorence.com')
309 INSERT INTO People VALUES ('18','Nattie','Poquette','male','6/19/1980','44','www.centurycommunications.com')
310 INSERT INTO People VALUES ('19','Veronika','Inouye','female','6/12/1981','44','www.cnetworkinc.com')
311 INSERT INTO People VALUES ('20','Willow','Kusko','male','4/21/1984','1','www.upullit.com')
312
313
314

```

50 %

Messages

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

100 %

Query executed successfully.

--Movie

```

INSERT INTO Movie VALUES
('1','manchester by the sea','7.8','137
min','12/16/2016','https://www.imdb.com/title/tt4034228/','Lee Chandler is'),
('2','The Last Emperor','7.8','163
min','4/15/1988','https://www.imdb.com/title/tt0093389/','This sweeping'),
('3','The Square','7.3','151 min','8/25/2017','https://www.imdb.com/title/tt4995790/','A
prestigious Stockholm'),
('4','The Grand Budapest Hotel','8.1','99
min','3/28/2014','https://www.imdb.com/title/tt2278388/','The adventures'),
('5','Relatos salvajes','8.1','122
min','8/21/2014','https://www.imdb.com/title/tt3011894/','The film');

```

--Country

```

INSERT INTO Country VALUES
('1','USA'),
('44','UK'),

```

```

('39','Italy'),
('86','China'),
('33','France'),
('46','Sweden'),
('49','Germany'),
('45','Denmark'),
('54','Argentina'),
('34','Spain');

```

```

314
315 --Movie
316 INSERT INTO Movie VALUES
317 ('1','manchester by the sea','7.8','137 min','12/16/2016','https://www.imdb.com/title/tt4034228/','Lee Chandler is'),
318 ('2','The Last Emperor','7.8','163 min','4/15/1988','https://www.imdb.com/title/tt0093389/','This sweeping'),
319 ('3','The Square','7.3','151 min','8/25/2017','https://www.imdb.com/title/tt4995790/','A prestigious Stockholm'),
320 ('4','The Grand Budapest Hotel','8.1','99 min','3/28/2014','https://www.imdb.com/title/tt2278388/','The adventures'),
321 ('5','Relatos salvajes','8.1','122 min','8/21/2014','https://www.imdb.com/title/tt3011894/','The film');
322
323 --Country
324 INSERT INTO Country VALUES
325 ('1','USA'),
326 ('44','UK'),
327 ('39','Italy'),
328 ('86','China'),
329 ('33','France'),
330 ('46','Sweden'),
331 ('49','Germany'),
332 ('45','Denmark'),
333 ('54','Argentina'),
334 ('34','Spain');
335

```

50 %

Messages

(5 row(s) affected)

(10 row(s) affected)

100 %

Query executed successfully.

ist-s-students

--Movie

INSERT INTO Movie VALUES

```

('1','manchester by the sea','7.8','137
min','12/16/2016','https://www.imdb.com/title/tt4034228/','Lee Chandler is'),
('2','The Last Emperor','7.8','163
min','4/15/1988','https://www.imdb.com/title/tt0093389/','This sweeping'),
('3','The Square','7.3','151 min','8/25/2017','https://www.imdb.com/title/tt4995790/','A
prestigious Stockholm'),
('4','The Grand Budapest Hotel','8.1','99
min','3/28/2014','https://www.imdb.com/title/tt2278388/','The adventures'),
('5','Relatos salvajes','8.1','122
min','8/21/2014','https://www.imdb.com/title/tt3011894/','The film');

```

--Country

INSERT INTO Country VALUES

```

('1','USA'),

```



```

('44','UK'),
('39','Italy'),
('86','China'),
('33','France'),
('46','Sweden'),
('49','Germany'),
('45','Denmark'),
('54','Argentina'),
('34','Spain');

```

```

336 --Movie_country
337 INSERT INTO Movie_country VALUES
338 ('1','1'),
339 ('2','1'),
340 ('2','44'),
341 ('2','39'),
342 ('2','86'),
343 ('2','33'),
344 ('3','33'),
345 ('3','46'),
346 ('3','49'),
347 ('3','45'),
348 ('4','1'),
349 ('4','49'),
350 ('5','54'),
351 ('5','34');
352
353 --Languages
354 INSERT INTO Languages VALUES
355 ('1','English'),
356 ('2','Mandarin'),
357 ('3','Japanese'),
358 ('4','Swedish'),
359 ('5','Danish'),
360 ('6','French'),
361 ('7','German'),
362 ('8','Spanish');

```

50 %

Messages

(14 row(s) affected)

(8 row(s) affected)

100 %

Query executed successfully.

```

--Movie_language
INSERT INTO Movie_language VALUES
('1','1'),
('2','1'),
('2','2'),
('2','3'),
('3','1'),
('3','4'),
('3','5'),
('4','1'),
('4','6'),
('4','7'),
('5','8');

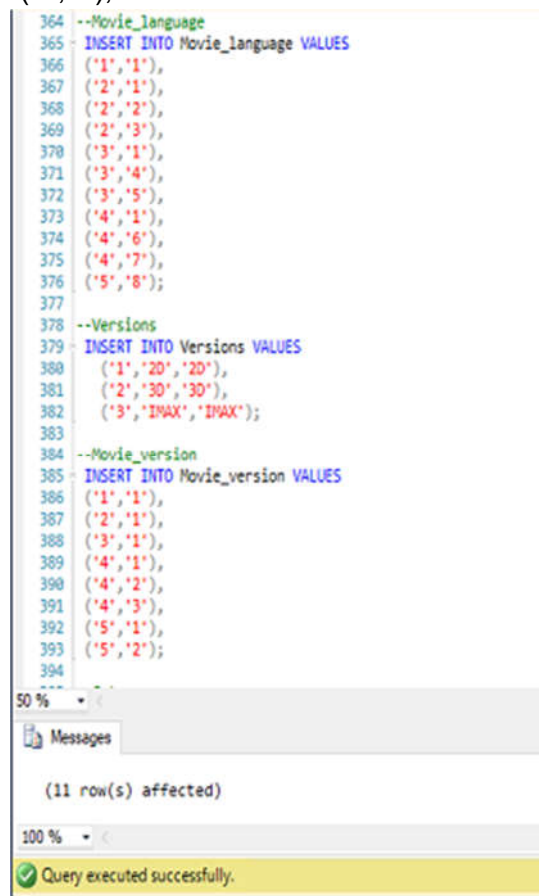
```

--Versions

```
INSERT INTO Versions VALUES
('1','2D','2D'),
('2','3D','3D'),
('3','IMAX','IMAX');
```

--Movie\_version

```
INSERT INTO Movie_version VALUES
('1','1'),
('2','1'),
('3','1'),
('4','1'),
('4','2'),
('4','3'),
('5','1'),
('5','2');
```



```
364 --Movie_language
365 INSERT INTO Movie_language VALUES
366 ('1','1'),
367 ('2','1'),
368 ('2','2'),
369 ('2','3'),
370 ('3','1'),
371 ('3','4'),
372 ('3','5'),
373 ('4','1'),
374 ('4','6'),
375 ('4','7'),
376 ('5','8');
377
378 --Versions
379 INSERT INTO Versions VALUES
380 ('1','2D','2D'),
381 ('2','3D','3D'),
382 ('3','IMAX','IMAX');
383
384 --Movie_version
385 INSERT INTO Movie_version VALUES
386 ('1','1'),
387 ('2','1'),
388 ('3','1'),
389 ('4','1'),
390 ('4','2'),
391 ('4','3'),
392 ('5','1'),
393 ('5','2');
394
```

50 %

Messages

(11 row(s) affected)

100 %

Query executed successfully.

--Category

```
INSERT INTO Category VALUES
('1','Drama','NULL'),
('2','Biography','NULL'),
```

```
('3','History','NULL'),  
('4','Comedy','NULL'),  
('5','Adventure','NULL'),  
('6','Thriller','NULL'),  
('7','Action','NULL'),  
('8','Crime','NULL');
```

```
--Movie_category  
INSERT INTO Movie_category VALUES  
('1','1'),  
('2','1'),  
('2','2'),  
('2','3'),  
('3','1'),  
('3','4'),  
('4','1'),  
('4','4'),  
('4','5'),  
('5','1'),  
('5','4'),  
('5','6');
```

```

395 --Category
396 INSERT INTO Category VALUES
397 ('1','Drama','NULL'),
398 ('2','Biography','NULL'),
399 ('3','History','NULL'),
400 ('4','Comedy','NULL'),
401 ('5','Adventure','NULL'),
402 ('6','Thriller','NULL'),
403 ('7','Action','NULL'),
404 ('8','Crime','NULL');
405
406 --Movie_category
407 INSERT INTO Movie_category VALUES
408 ('1','1'),
409 ('2','1'),
410 ('2','2'),
411 ('2','3'),
412 ('3','1'),
413 ('3','4'),
414 ('4','1'),
415 ('4','4'),
416 ('4','5'),
417 ('5','1'),
418 ('5','4'),
419 ('5','6');
420

```

0 %  
Messages

(8 row(s) affected)

(12 row(s) affected)

100 %  
Query executed successfully.

--Movie\_Schedule

INSERT INTO Movie\_schedule VALUES

```

('1', '1', '1', '1', '11/10/2018', '10:10', '12:27'),
('2', '2', '1', '2', '11/10/2018', '9:15', '11:58'),
('3', '3', '1', '3', '11/10/2018', '14:20', '16:51'),
('4', '4', '1', '4', '11/10/2018', '16:5', '17:44'),
('5', '2', '2', '1', '11/10/2018', '13:15', '15:58'),
('6', '3', '2', '2', '11/10/2018', '15:20', '17:51'),
('7', '4', '2', '3', '11/10/2018', '16:45', '18:24'),
('8', '2', '3', '1', '11/10/2018', '18:30', '21:13'),
('9', '1', '3', '2', '11/10/2018', '20:20', '22:37'),
('10', '3', '3', '3', '11/10/2018', '14:10', '16:41'),
('11', '4', '4', '1', '11/10/2018', '13:15', '14:54'),
('12', '2', '4', '2', '11/10/2018', '17:35', '20:18'),
('13', '3', '4', '3', '11/10/2018', '16:15', '18:46'),
('14', '1', '4', '4', '11/10/2018', '11:20', '13:37'),
('15', '4', '1', '1', '11/11/2018', '21:00', '22:39'),
('16', '2', '1', '2', '11/11/2018', '17:30', '20:13'),
('17', '4', '1', '3', '11/11/2018', '21:20', '22:59'),
('18', '3', '1', '4', '11/11/2018', '14:10', '16:41'),
('19', '5', '2', '1', '11/11/2018', '10:15', '12:17'),

```

('20','4','2','2','11/11/2018','11:30','13:09'),  
('21','2','2','3','11/11/2018','09:20','12:03'),  
('22','5','3','1','11/11/2018','15:10','17:12'),  
('23','3','3','2','11/11/2018','20:15','22:46'),  
('24','5','3','3','11/11/2018','13:00','15:02'),  
('25','1','4','1','11/11/2018','11:15','13:32'),  
('26','2','4','2','11/11/2018','18:15','20:58'),  
('27','4','4','3','11/11/2018','20:5','21:44'),  
('28','3','4','4','11/11/2018','13:25','15:56'),  
('29','2','1','1','11/12/2018','17:0','19:43'),  
('30','5','1','2','11/12/2018','16:5','18:7'),  
('31','3','1','3','11/12/2018','11:15','13:46'),  
('32','5','1','4','11/12/2018','21:10','23:12'),  
('33','2','2','1','11/12/2018','9:0','11:43'),  
('34','4','2','2','11/12/2018','15:15','16:54'),  
('35','1','2','3','11/12/2018','17:0','19:17'),  
('36','5','3','1','11/12/2018','13:10','15:12'),  
('37','4','3','2','11/12/2018','11:15','12:54'),  
('38','3','3','3','11/12/2018','18:20','20:51'),  
('39','3','4','1','11/12/2018','20:15','22:46'),  
('40','1','4','2','11/12/2018','13:20','15:37'),  
('41','4','4','3','11/12/2018','19:5','20:44'),  
('42','1','4','4','11/12/2018','08:30','10:47');

```

422
423 --Movie_Schedule
424 INSERT INTO Movie_schedule VALUES
425 ('1', '1', '1', '1', '11/10/2018', '10:10', '12:27'),
426 ('2', '2', '2', '1', '2', '11/10/2018', '9:15', '11:58'),
427 ('3', '3', '1', '3', '11/10/2018', '14:20', '16:51'),
428 ('4', '4', '1', '4', '11/10/2018', '16:5', '17:44'),
429 ('5', '5', '2', '2', '1', '11/10/2018', '13:15', '15:58'),
430 ('6', '3', '2', '2', '11/10/2018', '15:20', '17:51'),
431 ('7', '4', '2', '3', '11/10/2018', '16:45', '18:24'),
432 ('8', '2', '2', '3', '1', '11/10/2018', '18:30', '21:13'),
433 ('9', '1', '3', '2', '11/10/2018', '20:20', '22:37'),
434 ('10', '3', '3', '3', '11/10/2018', '14:10', '16:41'),
435 ('11', '4', '4', '1', '11/10/2018', '13:15', '14:54'),
436 ('12', '2', '4', '2', '11/10/2018', '17:35', '20:18'),
437 ('13', '3', '4', '3', '11/10/2018', '16:15', '18:46'),
438 ('14', '1', '4', '4', '11/10/2018', '11:20', '13:37'),
439 ('15', '4', '1', '1', '11/11/2018', '21:00', '22:39'),
440 ('16', '2', '1', '2', '11/11/2018', '17:30', '20:13'),
441 ('17', '4', '1', '3', '11/11/2018', '21:20', '22:59'),
442 ('18', '3', '1', '4', '11/11/2018', '14:10', '16:41'),
443 ('19', '5', '2', '1', '11/11/2018', '10:15', '12:17'),
444 ('20', '4', '2', '2', '11/11/2018', '11:30', '13:09'),
445 ('21', '2', '2', '3', '11/11/2018', '09:20', '12:03'),
446 ('22', '5', '3', '1', '11/11/2018', '15:10', '17:12'),
447 ('23', '3', '3', '2', '11/11/2018', '20:15', '22:46'),
448 ('24', '5', '3', '3', '11/11/2018', '13:00', '15:02'),
449 ('25', '1', '4', '1', '11/11/2018', '11:15', '13:32'),
450 ('26', '2', '4', '2', '11/11/2018', '18:15', '20:58'),
451 ('27', '4', '4', '3', '11/11/2018', '20:5', '21:44'),
452 ('28', '3', '4', '4', '11/11/2018', '13:25', '15:56'),

```

50 %

Messages

(42 row(s) affected)

100 %

Query executed successfully.

--Participation

INSERT INTO Participation VALUES

('1','1','1'),  
 ('1','9','2'),  
 ('1','12','3'),  
 ('1','10','4'),  
 ('2','2','4'),  
 ('2','4','2'),  
 ('2','8','3'),  
 ('2','15','1'),  
 ('3','7','1'),  
 ('3','13','2'),  
 ('3','11','3'),  
 ('3','16','4'),  
 ('4','5','1'),  
 ('4','6','2'),  
 ('4','14','3'),  
 ('4','17','4'),  
 ('5','18','1'),  
 ('5','3','2'),  
 ('5','19','3'),

('5','20','4');

--Ticket

INSERT INTO Ticket VALUES

('1','1','1','14'),  
('2','2','2','14'),  
('3','3','3','14'),  
('4','4','4','14'),  
('5','10','5','14'),  
('6','11','6','14'),  
('7','12','7','14'),  
('8','13','8','14'),  
('9','14','9','14'),  
('10','15','10','14'),  
('11','17','11','14'),  
('12','18','12','14'),  
('13','19','13','14'),  
('14','20','14','14'),  
('15','5','15','14'),  
('16','6','14','14'),  
('17','7','13','14'),  
('18','8','12','14'),  
('19','10','11','14'),  
('20','11','10','14'),  
('21','12','9','14'),  
('22','16','8','14'),  
('23','14','7','14'),  
('24','15','6','14'),  
('25','25','5','14'),  
('26','23','4','14'),  
('27','22','3','14'),  
('28','21','2','14'),  
('29','5','1','14'),  
('30','6','2','14'),  
('31','3','3','14'),  
('32','4','4','14'),  
('33','10','5','14'),  
('34','11','6','14'),  
('35','12','7','14'),  
('36','16','8','14'),  
('37','14','9','14'),  
('38','15','12','14'),  
('39','25','13','14'),  
('40','24','14','14'),

```

('41','22','15','14'),
('42','21','11','14');

```

```

469 --Participation
470 INSERT INTO Participation VALUES
471 ('1','1','1'),
472 ('1','9','2'),
473 ('1','12','3'),
474 ('1','10','4'),
475 ('2','2','4'),
476 ('2','4','2'),
477 ('2','6','3'),
478 ('2','15','1'),
479 ('3','7','1'),
480 ('3','13','2'),
481 ('3','11','3'),
482 ('3','16','4'),
483 ('4','5','1'),
484 ('4','6','2'),
485 ('4','14','3'),
486 ('4','17','4'),
487 ('5','18','1'),
488 ('5','3','2'),
489 ('5','19','3'),
490 ('5','20','4');
491
492 --Ticket
493 INSERT INTO Ticket VALUES
494 ('1','1','1','14'),
495 ('2','2','2','14'),
496 ('3','3','3','14'),
497 ('4','4','4','14'),
498 ('5','10','5','14'),
499 ('6','11','6','14');

```

50 %

Messages

(20 row(s) affected)

100 %

Query executed successfully.

```

SELECT * FROM People
SELECT * FROM Country
SELECT * FROM Roles
SELECT * FROM Languages
SELECT * FROM Customers
SELECT * FROM Theatre
SELECT * FROM Versions
SELECT * FROM Category
SELECT * FROM Movie
SELECT * FROM Hall
SELECT * FROM Movie_schedule
SELECT * FROM Ticket
SELECT * FROM Participation
SELECT * FROM Movie_language
SELECT * FROM Movie_country
SELECT * FROM Movie_category
SELECT * FROM Seat
SELECT * FROM Movie_version

```



Results Messages

	people_id	people_firstname	people_lastname	people_gender	people_dateofbirth	country_code	people_website
1	1	Jose	Stockham	male	1964-10-11	1	www.tristaterefuelerco.com
2	2	Kanisha	Waycott	female	1973-12-08	44	www.schroergeneesq.com
3	3	Emerson	Bowley	female	1970-08-02	34	www.knightsinn.com
4	4	Yuki	Whobrey	female	1977-05-07	45	www.famensinsurancegro...
5	5	Stephaine	Barfield	male	1967-09-09	1	www.beutelschiescompan...
6	6	Viva	Toekes	female	1968-08-10	49	www.markivprestid.com
7	7	Malinda	Hochard	female	1970-08-19	33	www.loganmemorial.com
8	8	Natalie	Fern	female	1972-11-09	39	www.kellycharlesgesq.com

	country_code	country_name
1	1	USA
2	33	France
3	34	Spain
4	39	Italy
5	44	UK
6	45	Denmark
7	46	Sweden
8	49	Germany

	role_id	role_name	role_description
1	1	Director	The director is primarily responsible for oversee...
2	2	Producer	The producer is essentially the group leader an...
3	3	Screenw...	The screenwriter crafts dialogue in a film and s...
4	4	Actor	The actor is responsible for portraying the char...

	language_id	language_name
1	1	English

Query executed successfully.

Results Messages

	language_id	language_name
1	1	English
2	2	Mandarin
3	3	Japanese
4	4	Swedish
5	5	Danish
6	6	French
7	7	German
8	8	Spanish

	customer_id	customer_firstname	customer_lastname	customer_gender	customer_phone	customer_email
1	1	Kris	Mamer	male	410-655-8723	kris@gmail.com
2	2	Minna	Amigon	female	215-874-1229	minna_amigon@yahoo.com
3	3	Cammy	Albares	male	956-537-6195	calbares@gmail.com
4	4	Alisha	Slusanski	female	732-658-3154	alisha@slusanski.com
5	5	Lenna	Paprocki	female	907-385-4412	lpaprocki@hotmail.com
6	6	Donette	Foller	male	513-570-1893	donette.foller@cox.net
7	7	Simona	Moresca	female	419-503-2484	simona@moresca.com
8	8	Sage	Wieser	male	605-414-2147	sage_wieser@cox.net

	theatre_id	theatre_name	theatre_streetno	theatre_streetname	theatre_city	theatre_state	theatre_zip	theatre_rating	theatre_website	theatre_phone	theatre_opentime
1	1	AMC Theatres	112	Lafayette Rd	Syracuse	NY	13205	4.8	www.AMCTheatres.com	315-555-5555	9am-11pm Monday-Sunday
2	2	Regal Entertainment Group	17	James St	Syracuse	NY	13210	4.5	www.reg.com	315-555-6666	11am-2am Monday-Sunday
3	3	CineMark	410	Comstock Ave	Syracuse	NY	13222	3.8	www.cinemark.com	315-555-7777	10am-1am Monday-Sunday
4	4	Marcus Theatres	4248	Nottingham Rd	Syracuse	NY	13205	4.6	www.marcustheatre.c...	315-555-7778	9:30am-1am Monday-Sun...
5	5	Harkins Theatres	3	Ostrom Ave	Syracuse	NY	13210	4.2	www.harkinstheatre.c...	315-555-6667	10:30am-11:30pm Monda...
6	6	Cineplex Entertainment	137	Summer Ave	Syracuse	NY	13222	4.3	www.cineplex.com	315-555-4321	11am-12am Monday-Sun...

Query executed successfully.

ist-s-students.syr.edu (12... ADIjsun68 (97)

Results Messages

	version_id	version_name	version_description
1	1	2D	2D
2	2	3D	3D
3	3	IMAX	IMAX

	category_id	category_name	category_description
1	1	Drama	NULL
2	2	Biography	NULL
3	3	History	NULL
4	4	Comedy	NULL
5	5	Adventure	NULL
6	6	Thriller	NULL
7	7	Action	NULL
8	8	Crime	NULL

	movie_id	movie_name	movie_rating	movie_runtime	movie_releaseDate	movie_website	movie_description
1	1	manchester by the sea	7.8	137 min	2016-12-16	<a href="https://www.imdb.com/title/tt4034228/">https://www.imdb.com/title/tt4034228/</a>	Lee Chandler is
2	2	The Last Emperor	7.8	163 min	1988-04-15	<a href="https://www.imdb.com/title/tt0093389/">https://www.imdb.com/title/tt0093389/</a>	This sweeping
3	3	The Square	7.3	151 min	2017-08-25	<a href="https://www.imdb.com/title/tt4995790/">https://www.imdb.com/title/tt4995790/</a>	A prestigious Sto...
4	4	The Grand Budapest...	8.1	99 min	2014-03-28	<a href="https://www.imdb.com/title/tt2278388/">https://www.imdb.com/title/tt2278388/</a>	The adventures
5	5	Relatos salvajes	8.1	122 min	2014-08-21	<a href="https://www.imdb.com/title/tt3011894/">https://www.imdb.com/title/tt3011894/</a>	The film

	theatre_id	hall_id	row_amount	seat_amount	screen_size
1	1	1	5	50	52 by 72 feet
2	1	2	5	50	42 by 72 feet
3	1	3	5	50	52 by 62 feet
4	1	4	5	50	50 by 62 feet

Query executed successfully.

	schedule_id	movie_id	theatre_id	hall_id	movie_showdate	movie_beginTime	movie_endTime
1	1	1	1	1	2018-11-10	10:10:00.0000000	12:27:00.0000000
2	2	2	1	2	2018-11-10	09:15:00.0000000	11:58:00.0000000
3	3	3	1	3	2018-11-10	14:20:00.0000000	16:51:00.0000000
4	4	4	1	4	2018-11-10	16:05:00.0000000	17:44:00.0000000
5	5	2	2	1	2018-11-10	13:15:00.0000000	15:58:00.0000000
6	6	3	2	2	2018-11-10	15:20:00.0000000	17:51:00.0000000
7	7	4	2	3	2018-11-10	16:45:00.0000000	18:24:00.0000000
8	8	2	3	1	2018-11-10	18:30:00.0000000	21:13:00.0000000

	schedule_id	seat_id	customer_id	ticket_price
1	1	1	1	14
2	2	2	2	14
3	3	3	3	14
4	4	4	4	14
5	5	10	5	14
6	6	11	6	14
7	7	12	7	14
8	8	13	8	14

	movie_id	people_id	role_id
1	1	1	1
2	1	9	2
3	1	10	4
4	1	12	3
5	2	2	4
6	2	4	2

Query executed successfully.

Results Messages

	movie_id	language_id
1	1	1
2	2	1
3	2	2
4	2	3
5	3	1
6	3	4
7	3	5
8	4	1

	movie_id	country_code
1	1	1
2	2	1
3	2	33
4	2	39
5	2	44
6	2	86
7	3	33
8	3	45

	movie_id	category_id
1	1	1
2	2	1
3	2	2
4	2	3
5	3	1
6	3	4

Query executed successfully.

Item(s) Saved

	seat_id	theatre_id	hall_id	seat_code
1	1	1	1	A1
2	2	1	2	A2
3	3	1	3	A3
4	4	1	4	A4
5	5	1	1	A5
6	6	1	2	B1
7	7	1	3	B2
8	8	1	4	B3

	movie_id	version_id
1	1	1
2	2	1
3	3	1
4	4	1
5	4	2
6	4	3
7	5	1
8	5	2

Query executed successfully.

## MAJOR DATA QUESTIONS

1. How many schedules does a theatre arrange within a period of time on average?

```
585 SELECT T.theatre_name, COUNT(schedule_id) as 'total number of schedules'
586 FROM Movie_schedule ms
587 Full Outer Join Theatre T
588 ON ms.theatre_id = t.theatre_id
589 Group by T.theatre_name
590
591 SELECT avg(a.cnt) as 'Average amount of shedule of all the theaters'
592 FROM (
593     SELECT COUNT(schedule_id) as cnt
594     FROM Movie_schedule
595     Group by theatre_id
596 ) as a;
```

	theatre_name	total number of schedules
1	AMC Theatres	12
2	Cinemark	9
3	Marcus Theatres	12
4	Regal Entertainment Group	9

	Average amount of shedule of all the theaters
1	10

2. How many movies does a specific customer watch?

```
720 -- How many movies do a particular customer watch
721 select t1.customer_firstname,t1.customer_lastname,t5.theatre_name,t4.movie_name, t3.movie_showdate,t3.movie_begintime,t3.movie_endtime
722 FROM Customers t1
723 Full Outer Join Ticket t2
724 ON t1.customer_id = t2.customer_id
725 Full Outer Join Movie_schedule t3
726 ON t3.schedule_id = t2.schedule_id
727 Full Outer Join Movie t4
728 ON t4.movie_id = t3.movie_id
729 FULL OUTER JOIN Theatre t5
730 ON t3.theatre_id = t5.theatre_id
731 Where t1.customer_firstname = 'Gladys' AND t1.customer_lastname='Rim';
732
```

	customer_firstname	customer_lastname	theatre_name	movie_name	movie_showdate	movie_begintime	movie_endtime
1	Gladys	Rim	Cinemark	The Square	2018-11-10	14:10:00.0000000	16:41:00.0000000
2	Gladys	Rim	Regal Entertainment Group	The Grand Budapest Hotel	2018-11-11	11:30:00.0000000	13:09:00.0000000

3. How many schedules does each hall arrange within a period of time?

```

575 -- How many movies does each hall shown within three days?
576 SELECT T.theatre_name, hall_id, COUNT(schedule_id) as 'total number of schedules'
577 FROM Movie_schedule MS
578 Full Outer Join Theatre T
579 ON ms.theatre_id = t.theatre_id
580 Group by T.theatre_name, hall_id
581 ORDER BY T.theatre_name
582

```

100 %

Results Messages

	theatre_name	hall_id	total number of schedules
1	AMC Theatres	1	3
2	AMC Theatres	2	3
3	AMC Theatres	3	3
4	AMC Theatres	4	3
5	Cinemark	1	3
6	Cinemark	2	3
7	Cinemark	3	3
8	Marcus Theatres	1	3
9	Marcus Theatres	2	3
10	Marcus Theatres	3	3
11	Marcus Theatres	4	3
12	Regal Entertainment Group	1	3
13	Regal Entertainment Group	2	3
14	Regal Entertainment Group	3	3

4. How many tickets have been sold within a period of time?

```

599
600 SELECT schedule_id, COUNT(schedule_id) as 'total number of ticket'
601 FROM Ticket
602 Group by schedule_id;
603
604 SELECT COUNT(schedule_id) as 'total number of ticket'
605 FROM Ticket
606
607

```

100 %

Results Messages

	total number of ticket
1	42

5. Movies of what countries are shown?

```

767 SELECT co.country_code, co.country_name, SUM(t3.ticket_sold) AS ticket_sold
768 FROM Country AS co
769 JOIN
770 (SELECT mco.country_code, SUM(t2.ticket_sold) AS ticket_sold
771 FROM Movie_country AS mco
772 JOIN
773 (SELECT ms.movie_id, SUM(t1.ticket_sold) AS ticket_sold
774 FROM Movie_schedule AS ms
775 JOIN
776 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold
777 FROM Ticket AS ti
778 GROUP BY ti.schedule_id) t1
779 ON ms.schedule_id = t1.schedule_id
780 GROUP BY ms.movie_id) t2
781 ON mco.movie_id = t2.movie_id
782 GROUP BY mco.country_code) t3
783 ON co.country_code = t3.country_code
784 GROUP BY co.country_code, co.country_name
785 ORDER BY SUM(t3.ticket_sold) DESC
786

```

100 %

	country_code	country_name	ticket_sold
1	1	USA	26
2	49	Germany	20
3	33	France	19
4	45	Denmark	10
5	46	Sweden	10
6	39	Italy	9
7	44	UK	9
8	86	China	9
9	34	Spain	6
10	54	Argentina	6

6. Movies of what languages are shown?



```
790 CREATE VIEW PopularLanguage AS(  
791 SELECT la.language_name, SUM(t3.ticket_sold) AS ticket_sold  
792 FROM Languages AS la  
793 JOIN  
794 (SELECT mol.language_id, SUM(t2.ticket_sold) AS ticket_sold  
795 FROM Movie_language AS mol  
796 JOIN  
797 (SELECT ms.movie_id, SUM(t1.ticket_sold) AS ticket_sold  
798 FROM Movie_schedule AS ms  
799 JOIN  
800 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold  
801 FROM Ticket AS ti  
802 GROUP BY ti.schedule_id) t1  
803 ON ms.schedule_id = t1.schedule_id  
804 GROUP BY ms.movie_id) t2  
805 ON mol.movie_id = t2.movie_id  
806 GROUP BY mol.language_id) t3  
807 ON la.language_id = t3.language_id  
808 GROUP BY la.language_id, la.language_name  
809 )  
810 SELECT * FROM PopularLanguage  
811
```

100 %

Results Messages

	language_name	ticket_sold
1	English	36
2	Mandarin	9
3	Japanese	9
4	Swedish	10
5	Danish	10
6	French	10
7	German	10
8	Spanish	6

Do

7. What type of movies are shown?

```

673 -- Popularity of different types of movies
674 CREATE VIEW PopularCategory AS(
675 SELECT ca.category_name, SUM(t3.ticket_sold) AS ticket_sold
676 FROM Category AS ca
677 JOIN
678 (SELECT mc.category_id, SUM(t2.ticket_sold) AS ticket_sold
679 FROM Movie_category AS mc
680 JOIN
681 (SELECT ms.movie_id, SUM(t1.ticket_sold) AS ticket_sold
682 FROM Movie_schedule AS ms
683 JOIN
684 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold
685 FROM Ticket AS ti
686 GROUP BY ti.schedule_id) t1
687 ON ms.schedule_id = t1.schedule_id
688 GROUP BY ms.movie_id) t2
689 ON mc.movie_id = t2.movie_id
690 GROUP BY mc.category_id) t3
691 ON ca.category_id = t3.category_id
692 GROUP BY ca.category_id, ca.category_name, ca.category_description)
693
694 SELECT * FROM PopularCategory
695

```

100 %

Results Messages

	category_name	ticket_sold
1	Drama	42
2	Biography	9
3	History	9
4	Comedy	26
5	Adventure	10
6	Thriller	6

8. Which type is the most popular type?



```

649 -- What type of movies are most popular?
650 CREATE VIEW MostPopularCategory AS(
651 SELECT TOP 1 WITH TIES ca.category_name, SUM(t3.ticket_sold) AS ticket_sold
652 FROM Category AS ca
653 JOIN
654 (SELECT mc.category_id, SUM(t2.ticket_sold) AS ticket_sold
655 FROM Movie_category AS mc
656 JOIN
657 (SELECT ms.movie_id, SUM(t1.ticket_sold) AS ticket_sold
658 FROM Movie_schedule AS ms
659 JOIN
660 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold
661 FROM Ticket AS ti
662 GROUP BY ti.schedule_id) t1
663 ON ms.schedule_id = t1.schedule_id
664 GROUP BY ms.movie_id) t2
665 ON mc.movie_id = t2.movie_id
666 GROUP BY mc.category_id) t3
667 ON ca.category_id = t3.category_id
668 GROUP BY ca.category_id, ca.category_name, ca.category_description
669 ORDER BY SUM(t3.ticket_sold) DESC)
670
671 SELECT * FROM MostPopularCategory

```

100 %

Results Messages

	category_name	ticket_sold
1	Drama	42

9. How many tickets are sold on morning, afternoon and evening separately with 3 days?

```
700 CREATE VIEW MorningTicketSold AS(  
701 SELECT SUM(t2.ticket_sold) AS morning_ticket_sold  
702 FROM  
703 (SELECT ms.movie_begintime, SUM(t1.ticket_sold) AS ticket_sold  
704 FROM Movie_schedule AS ms  
705 JOIN  
706 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold  
707 FROM Ticket AS ti  
708 GROUP BY ti.schedule_id) t1  
709 ON ms.schedule_id = t1.schedule_id  
710 WHERE CAST(ms.movie_begintime AS TIME) BETWEEN '06:00' AND '12:00'  
711 GROUP BY ms.movie_begintime) t2)  
712  
713 CREATE VIEW AfternoonTicketSold AS(  
714 SELECT SUM(t2.ticket_sold) AS afternoon_ticket_sold  
715 FROM  
716 (SELECT ms.movie_begintime, SUM(t1.ticket_sold) AS ticket_sold  
717 FROM Movie_schedule AS ms  
718 JOIN  
719 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold  
720 FROM Ticket AS ti  
721 GROUP BY ti.schedule_id) t1  
722 ON ms.schedule_id = t1.schedule_id  
723 WHERE CAST(ms.movie_begintime AS TIME) BETWEEN '12:00' AND '18:00'  
724 GROUP BY ms.movie_begintime) t2)  
725  
726 CREATE VIEW EveningTicketSold AS(  
727 SELECT SUM(t2.ticket_sold) AS evening_ticket_sold  
728 FROM  
729 (SELECT ms.movie_begintime, SUM(t1.ticket_sold) AS ticket_sold  
730 FROM Movie_schedule AS ms  
731 JOIN  
732 (SELECT ti.schedule_id, COUNT(ti.schedule_id) AS ticket_sold  
733 FROM Ticket AS ti  
734 GROUP BY ti.schedule_id) t1  
735 ON ms.schedule_id = t1.schedule_id  
736 WHERE CAST(ms.movie_begintime AS TIME) BETWEEN '18:00' AND '23:59'  
737 GROUP BY ms.movie_begintime) t2)  
738  
739 SELECT * FROM MorningTicketSold  
740 SELECT * FROM AfternoonTicketSold  
741 SELECT * FROM EveningTicketSold
```

Results		Messages	
morning_ticket_sold			
1	11		
afternoon_ticket_sold			
1	20		
evening_ticket_sold			
1	11		

10. What movies are shown in a specific hall?

```
735 --What movies were shown in a particular hall?
736 select T.theatre_name, I.hall_id,P.movie_name
737 FROM Movie_schedule I
738 Full Outer Join Movie P
739 ON I.movie_id = P.movie_id
740 Full Outer Join Theatre T
741 ON T.theatre_id = I.theatre_id
742 Where I.theatre_id = 1 AND I.hall_id=3;
743
744
```

100 %

Results Messages

	theatre_name	hall_id	movie_name
1	AMC Theatres	3	The Square
2	AMC Theatres	3	The Grand Budapest Hotel
3	AMC Theatres	3	The Square

## INTERFACES

### ● FORMS

There are two types of log in

- 1.Theatre managers
- 2.Film studio representatives

#### 1.Theatre manager login

After successful login, a theatre manager will be directed to a page, where there are labels to go to three pages.

Welcome! Theatre Manager

**Movie Details**

Select a movie:

movie\_name:

movie\_rating:

movie\_runtime:

movie\_releaseDate:

movie\_website:

movie\_description:

Cast

role_name	people_firstname	people_lastname	people_gender	people_dateofbirth
Director	Jose	Stockham	male	1964-10-11
Producer	Lisha	Centini	female	1974-05-18
Actor	Chin-Sun	Kim	male	1976-08-25
Screenwriter	Timothy	Mulqueen	male	1965-09-08

Record: 1 of 4

Category:

Version:

#### • Movie details

This will list all the information of all the movies. It will allow theatre managers check the movie details one by one or select the name of the movie he/she is interested in.

## Movie Details

movie_name	<input type="text" value="The Square"/>
movie_id	<input type="text" value="3"/>
movie_name	<input type="text" value="The Square"/>
movie_rating	<input type="text" value="7.3"/>
movie_runtime	<input type="text" value="151 min"/>
movie_releaseDate	<input type="text" value="2017-08-25"/>
movie_website	<input type="text" value="https://www.imdb.com/title/tt4995790/"/>
movie_description	<input type="text" value="A prestigious Stockholm mu"/>

### Cast

role_name	people_firstname	people_lastname	people_gender	people_dateofbirth
Director	Malinda	Hochard	female	1970-08-19
Screenwriter	Elza	Lipke	female	1980-02-23
Producer	Josephine	Darakjy	male	1964-10-08
Actor	Leota	Dilliard	female	1961-07-17

Record: 1 of 4

### Category

category_name	
Drama	
Comedy	
*	

Record: 1 of 2

### Version

version_name	
2D	
*	

Record: 1 of 1

### Country

country_name	
France	
Denmark	
Sweden	
Germany	
*	

Record: 1 of 4

### Language

language_name	
English	
Swedish	
Danish	
*	

Record: 1 of 3

### •Hall schedule

This will allow the theatre manager to select the hall id.

After selecting a certain, he/she can view the schedule of this hall.

Hall Details

Theatre Name

AMC Theatres

Theatre id

1

Add

Hall Id

1

Delete

Row Amount

5

Seat Amount

50

Screen Size

52 by 72 feet

schedule_id	movie_id	theatre_id	hall_id	movie_show	movie_begintime	movie_endtime
1	1	1	1	1 2018-11-10	10:10:00.0000000	12:27:00.0000000
2	2	1	1	2 2018-11-10	09:15:00.0000000	11:58:00.0000000
3	3	1	1	3 2018-11-10	14:20:00.0000000	16:51:00.0000000
4	4	1	1	4 2018-11-10	16:05:00.0000000	17:44:00.0000000
15	4	1	1	1 2018-11-11	21:00:00.0000000	22:39:00.0000000
16	2	1	2	2 2018-11-11	17:30:00.0000000	20:13:00.0000000
17	4	1	3	3 2018-11-11	21:20:00.0000000	22:59:00.0000000
18	3	1	4	4 2018-11-11	14:10:00.0000000	16:41:00.0000000
29	2	1	1	1 2018-11-12	17:00:00.0000000	19:43:00.0000000

The following screenshot is the database after adding value by “add” button.

	theatre_id	hall_id	row_ammoun	seat_ammoun	screen_size	Click to Add
+	1	1	5	50	52 by 72 feet	
+	1	2	5	50	42 by 72 feet	
+	1	3	5	50	52 by 62 feet	
+	1	4	5	50	50 by 62 feet	+
+	2	1	5	50	53 by 72 feet	
+	2	2	5	50	54 by 71 feet	
+	2	3	5	50	55 by 70 feet	
+	3	1	5	50	56 by 69 feet	
+	3	2	5	50	57 by 68 feet	
+	3	3	5	50	58 by 67 feet	
+	4	1	5	50	59 by 66 feet	
+	4	2	5	50	60 by 66 feet	
+	4	3	5	50	61 by 70 feet	
+	4	4	5	50	69 by 72 feet	
+	5	1	11	50		
*						

#### •Customer details

This page will allow the theatre manager to view all the customer details and their movie-watching behaviors.

### Customers Details

Theatre Name  
Customer Id  
Customer Firstname  
Customer Lastname  
Customer Gender  
Customer Phone  
Customer Email  
Movie Schedule

AMC Theatres  
1  
Kris  
Marrier  
male  
410-655-8723  
kris@gmail.com

Add Customer  
Delete Customer

movie_name	theatre_name	hall_jc	movie_show	movie_begintime	seat
manchester by the sea	AMC Theatres	1	2018-11-10	10:10:00.0000000	A1
The Last Emperor	AMC Theatres	1	2018-11-12	17:00:00.0000000	A5
* [Empty Row]					

Record: 1 of 2 | No Filter | Search

The button here can help adding or deleting customer record so that managers can easily manage the customers' information. As the screenshot shown, no.16 "Lily Rose" is the latest added customer.

new_Customers		dbo_Customers					
customer_ic	customer_fi	customer_la	customer_gi	customer_pl	customer_ei	Click to Add	
+	Kris	Marrier	male	410-655-8723	kris@gmail.com		
+	2 Minna	Amigon	female	215-874-1229	minna_amigon		
+	3 Cammy	Albares	male	956-537-6195	calbares@gma		
+	4 Alisha	Slusarski	female	732-658-3154	alisha@slusars		
+	5 Lenna	Paprocki	female	907-385-4412	lpaprocki@hot		
+	6 Donette	Foller	male	513-570-1893	donette.foller		
+	7 Simona	Morasca	female	419-503-2484	simona@mora		
+	8 Sage	Wieser	male	605-414-2147	sage_wieser@		
+	9 Kiley	Caldarera	female	310-498-5651	kiley.caldarera		
+	10 Gladys	Rim	female	414-661-9598	gladys.rim@rir		
+	11 Valentine	Gillian	male	210-812-9597	valentine_gilli		
+	12 Erick	Ferencz	male	907-741-1044	erick.ferencz@		
+	13 Jina	Brid	female	617-399-5124	jina_brid@brid		
+	14 Amber	Monarrez	female	215-934-8655	amber_monarr		
+	15 Karl	Klonowski	male	908-877-6135	karl_klonowski		
+	16 Lily	Rose	Female	315000000	lily.rose@outk		
+							

## 2. Film studio representatives login

After successful login, this navigation page will show up.

Welcome! Film Studio

People Details

Movie Details

Movies On Show

Movie box office by date

Movie box by theatre

People's box office appeal

People Details

Select a person

Viva

▼

people\_id

6

people\_firstname

Viva

people\_lastname

Toelkes

people\_gender

female

people\_dateofbirth

1968-08-10

country\_name

Germany

people\_website

www.markivpressltd.com

dbo\_Participation

	role_name	movie_name
*	Producer	The Grand Budapest Hotel

Record: 1 of 1

No Filter

Search

- **Movie details**  
This will list all the information of all the movies. It will allow film studio representative to check the movie details one by one or select the name of the movie he/she is interested in.



## Movie Details

movie_name	<input type="text" value="The Square"/>
movie_id	<input type="text" value="3"/>
movie_name	<input type="text" value="The Square"/>
movie_rating	<input type="text" value="7.3"/>
movie_runtime	<input type="text" value="151 min"/>
movie_releaseDate	<input type="text" value="2017-08-25"/>
movie_website	<input type="text" value="https://www.imdb.com/title/tt4995790/"/>
movie_description	<input type="text" value="A prestigious Stockholm mu"/>

### Cast

role_name	people_firstname	people_lastname	people_gender	people_dateofbirth
Director	Malinda	Hochard	female	1970-08-19
Screenwriter	Elza	Lipke	female	1980-02-23
Producer	Josephine	Darakjy	male	1964-10-08
Actor	Leota	Dilliard	female	1961-07-17

Record: 1 of 4

### Category

category_name	
Drama	
Comedy	
*	

Record: 1 of 2

### Version

version_name	
2D	
*	

Record: 1 of 1

### Country

country_name	
France	
Denmark	
Sweden	
Germany	
*	

Record: 1 of 4

### Language

language_name	
English	
Swedish	
Danish	
*	

Record: 1 of 3

- People details

This page will list all the information of all the people participating in making and producing movies. This page will show not only the person's information, but also his/her role in a certain movie. It will allow film studio representative to check the people details one by one or select the id of the person he/she is interested in.

## People Details

Select people id

people\_id

people\_firstname

people\_lastname

people\_gender

people\_dateofbirth

country\_name

people\_website

dbo\_Participation

	role_name	movie_name
*	Producer	The Grand Budapest Hotel

Record: 1 of 1 No Filter Search

### • Movie on show

This page will list all the schedule of a certain movie. It will allow film studio representative to select the name of the movie to check when and where this movie will be shown in Syracuse.

## Movie on Show

Select a movie

movie\_id

movie\_name

movie\_runtime

Movie\_schedule subform

movie_showdate	theatre_name	hall_id	movie_begintime	movie_endtime
2018-11-10	AMC Theatres	1	10:10:00.0000000	12:27:00.0000000
2018-11-10	Cinemark	2	20:20:00.0000000	22:37:00.0000000
2018-11-10	Marcus Theatres	4	11:20:00.0000000	13:37:00.0000000
2018-11-11	Marcus Theatres	1	11:15:00.0000000	13:32:00.0000000
2018-11-12	Regal Entertainment Group	3	17:00:00.0000000	19:17:00.0000000
2018-11-12	Marcus Theatres	2	13:20:00.0000000	15:37:00.0000000
2018-11-12	Marcus Theatres	4	08:30:00.0000000	10:47:00.0000000

Record: 1 of 7 No Filter Search

- Movie box office by date

This page will list the number of tickets sold of a certain movie. It will allow film studio representative to select the name and the show date of a certain movie to check the box office of different theatres.

[illegible]

- Movie box office by theatre

This page shows the box office of movies by theatres. It will allow film studio representative to select the name of the movie and theatres to check the box office of different dates.

## Movie box by theatre

Select a movie

Select a theatre

movie\_name

theatre\_name

Movie box office by date

movie_show	CountOfseat			
2018-11-10	1			
2018-11-11	1			
2018-11-12	2			

Record: 1 of 3 No Filter Search

- People's box office appeal

This page shows the box office appeal of people. It will allow film studio representative to select a certain person, and check which movie this person participated in making and producing and his/her roles as well as the box office of this movie.

## People's box office appeal

The screenshot shows the SQL Server Enterprise Manager interface. The 'Select a person' dropdown menu is open, displaying a list of names. 'Elza' is selected, and the dropdown is showing the details for 'Elza Lipke', including her role as 'Screenwriter' and the number of seats (10). The table below shows the data for 'The Square' movie, with 'Elza Lipke' as the screenwriter and 10 seats.

movie_name	role_name	CountOfseat
The Square	Screenwriter	10

People's box office appeal

Select a person

dbo\_People.people\_id

people\_firstname

people\_lastname

people\_gender

people\_dateofbirth

country\_name

people\_website

Box office of the movies he/she participates

movie_name	role_name	CountOfseat
The Square	Screenwriter	10

Record: 1 of 1 No Filter Search

- **REPORTS**

- report1 : This report shows the halls' details in each theatre. It groups by theatres' name and ascending by hall id. It helps film studios to figure out theatres information.

Hall in each Theatre					
theatre_name	theatre_rating	hall_id	row_amount	seat_amount	screen_size
AMC Theatres					
	4.8				
		1	5	50	52 by 72 feet
		2	5	50	42 by 72 feet
		3	5	50	52 by 62 feet
		4	5	50	50 by 62 feet
Cinemark					
	3.8				
		1	5	50	56 by 69 feet
		2	5	50	57 by 68 feet
		3	5	50	58 by 67 feet
Marcus Theatres					
	4.6				
		1	5	50	59 by 66 feet
		2	5	50	60 by 66 feet
		3	5	50	61 by 70 feet
		4	5	50	69 by 72 feet
Regal Entertainment Group					
	4.5				
		1	5	50	53 by 72 feet
		2	5	50	54 by 71 feet
		3	5	50	55 by 70 feet
Sunday, November 25, 2018					
Page 1 of 1					

- report2 : This report shows all the movie schedule within three days in details. It groups by theatres and halls, ascending by movie showdates. This report helps the theatre managers get an overview about the movie schedule in different theatres.

## Theatre Movie Schedule Report

Theatre Name	Hall	Showdate	Begintime	Endtime	Movie Name
AMC Theatres	1	2018-11-10	10:10:00.0000000	12:27:00.0000000	manchester by the sea
		2018-11-11	21:00:00.0000000	22:39:00.0000000	The Grand Budapest Hotel
		2018-11-12	17:00:00.0000000	19:43:00.0000000	The Last Emperor
AMC Theatres	2	2018-11-10	09:15:00.0000000	11:58:00.0000000	The Last Emperor
		2018-11-11	17:30:00.0000000	20:13:00.0000000	The Last Emperor
		2018-11-12	16:05:00.0000000	18:07:00.0000000	Relatos salvajes
AMC Theatres	3	2018-11-10	14:20:00.0000000	16:51:00.0000000	The Square
		2018-11-11	21:20:00.0000000	22:59:00.0000000	The Grand Budapest Hotel
		2018-11-12	11:15:00.0000000	13:46:00.0000000	The Square
AMC Theatres	4	2018-11-10	16:05:00.0000000	17:44:00.0000000	The Grand Budapest Hotel
		2018-11-11	14:10:00.0000000	16:41:00.0000000	The Square
		2018-11-12	21:10:00.0000000	23:12:00.0000000	Relatos salvajes
Regal Entertainment Group	1	2018-11-10	13:15:00.0000000	15:58:00.0000000	The Last Emperor
		2018-11-11	10:15:00.0000000	12:17:00.0000000	Relatos salvajes
		2018-11-12	09:00:00.0000000	11:43:00.0000000	The Last Emperor
Regal Entertainment Group	2	2018-11-10	15:20:00.0000000	17:51:00.0000000	The Square
		2018-11-11	11:30:00.0000000	13:09:00.0000000	The Grand Budapest Hotel
		2018-11-12	15:15:00.0000000	16:54:00.0000000	The Grand Budapest Hotel
Regal Entertainment Group	3	2018-11-10	16:45:00.0000000	18:24:00.0000000	The Grand Budapest Hotel
		2018-11-11	09:20:00.0000000	12:03:00.0000000	The Last Emperor
		2018-11-12	17:00:00.0000000	19:17:00.0000000	manchester by the sea
Cinemark	1	2018-11-10	18:30:00.0000000	21:13:00.0000000	The Last Emperor
		2018-11-11	15:10:00.0000000	17:12:00.0000000	Relatos salvajes
		2018-11-12	13:10:00.0000000	15:12:00.0000000	Relatos salvajes
Cinemark	2	2018-11-10	20:20:00.0000000	22:37:00.0000000	manchester by the sea
		2018-11-11	20:15:00.0000000	22:46:00.0000000	The Square
		2018-11-12	11:15:00.0000000	12:54:00.0000000	The Grand Budapest Hotel
Cinemark	3	2018-11-10	14:10:00.0000000	16:41:00.0000000	The Square
		2018-11-11	13:00:00.0000000	15:02:00.0000000	Relatos salvajes
		2018-11-12	18:20:00.0000000	20:51:00.0000000	The Square
Marcus Theatres	1	2018-11-10	13:15:00.0000000	14:54:00.0000000	The Grand Budapest Hotel
		2018-11-11	11:15:00.0000000	13:32:00.0000000	manchester by the sea
		2018-11-12	20:15:00.0000000	22:46:00.0000000	The Square
Marcus Theatres	2	2018-11-10	17:35:00.0000000	20:18:00.0000000	The Last Emperor
		2018-11-11	18:15:00.0000000	20:58:00.0000000	The Last Emperor
		2018-11-12	13:20:00.0000000	15:37:00.0000000	manchester by the sea
Marcus Theatres	3	2018-11-10	16:15:00.0000000	18:46:00.0000000	The Square
		2018-11-11	20:05:00.0000000	21:44:00.0000000	The Grand Budapest Hotel
		2018-11-12	19:05:00.0000000	20:44:00.0000000	The Grand Budapest Hotel
Marcus Theatres	4	2018-11-10	11:20:00.0000000	13:37:00.0000000	manchester by the sea
		2018-11-11	13:25:00.0000000	15:56:00.0000000	The Square
		2018-11-12	08:30:00.0000000	10:47:00.0000000	manchester by the sea

Monday, November 26, 2018

Page 1 of 1

- report3 : This report gives an overview of all the customers and what had they seen within three business days. All the information of what people watched are shown in

detail, helping the theatre managers get to know the insight of customers. Using this report, managers can discover the customers' habits to enhance their business decisions.



## Customers Movie Records

Firstname	Lastname	Movie Showdate	Movie Name	Movie Begintime	Theatre Name	Hall Id
Kris	Marrier	2018-11-10	manchester by the sea	10:10:00.0000000	AMC Theatres	1
		2018-11-12	The Last Emperor	17:00:00.0000000	AMC Theatres	1
Minna	Amigon	2018-11-10	The Last Emperor	09:15:00.0000000	AMC Theatres	2
		2018-11-11	The Square	13:25:00.0000000	Marcus Theatres	4
Cammy	Albares	2018-11-12	Relatos salvajes	16:05:00.0000000	AMC Theatres	2
		2018-11-10	The Square	14:20:00.0000000	AMC Theatres	3
		2018-11-11	The Grand Budapest Hotel	20:05:00.0000000	Marcus Theatres	3
Alisha	Slusarski	2018-11-12	The Square	11:15:00.0000000	AMC Theatres	3
		2018-11-10	The Grand Budapest Hotel	16:05:00.0000000	AMC Theatres	4
		2018-11-11	The Last Emperor	18:15:00.0000000	Marcus Theatres	2
Lenna	Paprocki	2018-11-12	Relatos salvajes	21:10:00.0000000	AMC Theatres	4
		2018-11-10	The Last Emperor	13:15:00.0000000	Regal Entertainment	1
		2018-11-11	manchester by the sea	11:15:00.0000000	Marcus Theatres	1
Donette	Foller	2018-11-12	The Last Emperor	09:00:00.0000000	Regal Entertainment	1
		2018-11-10	The Square	15:20:00.0000000	Regal Entertainment	2
		2018-11-11	Relatos salvajes	13:00:00.0000000	Cinemark	3
Simona	Morasca	2018-11-12	The Grand Budapest Hotel	15:15:00.0000000	Regal Entertainment	2
		2018-11-10	The Grand Budapest Hotel	16:45:00.0000000	Regal Entertainment	3
		2018-11-11	The Square	20:15:00.0000000	Cinemark	2
Sage	Wieser	2018-11-12	manchester by the sea	17:00:00.0000000	Regal Entertainment	3
		2018-11-10	The Last Emperor	18:30:00.0000000	Cinemark	1
		2018-11-11	Relatos salvajes	15:10:00.0000000	Cinemark	1
Kiley	Caldarera	2018-11-12	Relatos salvajes	13:10:00.0000000	Cinemark	1
		2018-11-10	manchester by the sea	20:20:00.0000000	Cinemark	2
		2018-11-11	The Last Emperor	09:20:00.0000000	Regal Entertainment	3
Gladys	Rim	2018-11-12	The Grand Budapest Hotel	11:15:00.0000000	Cinemark	2
		2018-11-10	The Square	14:10:00.0000000	Cinemark	3
		2018-11-11	The Grand Budapest Hotel	11:30:00.0000000	Regal Entertainment	2
Valentine	Gillian	2018-11-10	The Grand Budapest Hotel	13:15:00.0000000	Marcus Theatres	1
		2018-11-11	Relatos salvajes	10:15:00.0000000	Regal Entertainment	1
		2018-11-12	manchester by the sea	08:30:00.0000000	Marcus Theatres	4
Erick	Ferencz	2018-11-10	The Last Emperor	17:35:00.0000000	Marcus Theatres	2
		2018-11-11	The Square	14:10:00.0000000	AMC Theatres	4
		2018-11-12	The Square	18:20:00.0000000	Cinemark	3
Jina	Brid	2018-11-10	The Square	16:15:00.0000000	Marcus Theatres	3
		2018-11-11	The Grand Budapest Hotel	21:20:00.0000000	AMC Theatres	3
		2018-11-12	The Square	20:15:00.0000000	Marcus Theatres	1
Amber	Monarrez	2018-11-10	manchester by the sea	11:20:00.0000000	Marcus Theatres	4
		2018-11-11	The Last Emperor	17:30:00.0000000	AMC Theatres	2
		2018-11-12	manchester by the sea	13:20:00.0000000	Marcus Theatres	2
Karl	Klonowski	2018-11-11	The Grand Budapest Hotel	21:00:00.0000000	AMC Theatres	1
		2018-11-12	The Grand Budapest Hotel	19:05:00.0000000	Marcus Theatres	3

- report4 : This report shows different movies' schedule and corresponding begin time and location of the movies shown. It grouped by movies' name and showdate, ascending by begin time. It helps both the theatre managers and film studio staff to know each movies' performance and on show frequency in each theatre.

## Movies Shown Record within Three Days

Movie Name	Movie Showdate	Movie Begintime	Theatre Name	Hall Id
manchester by the sea	2018-11-10	10:10:00.0000000	AMC Theatres	1
		11:20:00.0000000	Marcus Theatres	4
		20:20:00.0000000	Cinemark	2
manchester by the sea	2018-11-11	11:15:00.0000000	Marcus Theatres	1
manchester by the sea	2018-11-12	08:30:00.0000000	Marcus Theatres	4
		13:20:00.0000000	Marcus Theatres	2
		17:00:00.0000000	Regal Entertainment Group	3
The Last Emperor	2018-11-10	09:15:00.0000000	AMC Theatres	2
		13:15:00.0000000	Regal Entertainment Group	1
		17:35:00.0000000	Marcus Theatres	2
The Last Emperor	2018-11-11	18:30:00.0000000	Cinemark	1
		09:20:00.0000000	Regal Entertainment Group	3
		17:30:00.0000000	AMC Theatres	2
The Last Emperor	2018-11-12	18:15:00.0000000	Marcus Theatres	2
		09:00:00.0000000	Regal Entertainment Group	1
		17:00:00.0000000	AMC Theatres	1
The Square	2018-11-10	14:10:00.0000000	Cinemark	3
		14:20:00.0000000	AMC Theatres	3
		15:20:00.0000000	Regal Entertainment Group	2
The Square	2018-11-11	16:15:00.0000000	Marcus Theatres	3
		13:25:00.0000000	Marcus Theatres	4
		14:10:00.0000000	AMC Theatres	4
The Square	2018-11-12	20:15:00.0000000	Cinemark	2
		11:15:00.0000000	AMC Theatres	3
		18:20:00.0000000	Cinemark	3
The Grand Budapest Hotel	2018-11-10	20:15:00.0000000	Marcus Theatres	1
		13:15:00.0000000	Marcus Theatres	1
		16:05:00.0000000	AMC Theatres	4
The Grand Budapest Hotel	2018-11-11	16:45:00.0000000	Regal Entertainment Group	3
		11:30:00.0000000	Regal Entertainment Group	2
		20:05:00.0000000	Marcus Theatres	3
The Grand Budapest Hotel	2018-11-12	21:00:00.0000000	AMC Theatres	1
		21:20:00.0000000	AMC Theatres	3
		11:15:00.0000000	Cinemark	2
Relatos salvajes	2018-11-11	15:15:00.0000000	Regal Entertainment Group	2
		19:05:00.0000000	Marcus Theatres	3
		10:15:00.0000000	Regal Entertainment Group	1
Relatos salvajes	2018-11-12	13:00:00.0000000	Cinemark	3
		15:10:00.0000000	Cinemark	1
		13:10:00.0000000	Cinemark	1
Relatos salvajes	2018-11-12	16:05:00.0000000	AMC Theatres	2
		21:10:00.0000000	AMC Theatres	4

Monday, November 26, 2018

Page 1 of 1