





**CREATE** **TABLE** actor (

**name** **VARCHAR2**(50) **NOT** **NULL**,

date\_of\_birth **DATE** **NOT** **NULL**,

film\_title **VARCHAR2**(100) **NOT** **NULL**,

film\_year\_of\_release **DATE** **NOT** **NULL**,

**role** **VARCHAR2**(50) **NOT** **NULL**

);

**ALTER** **TABLE** actor **ADD** **CONSTRAINT** actor\_pk **PRIMARY** **KEY** ( **name** );

**CREATE** **TABLE** director (

**name** **VARCHAR2**(50) **NOT** **NULL**,

date\_of\_birth **DATE** **NOT** **NULL**

);

**ALTER** **TABLE** director **ADD** **CONSTRAINT** director\_pk **PRIMARY** **KEY** ( **name** );

**CREATE** **TABLE** film (

title **VARCHAR2**(100) **NOT** **NULL**,

year\_of\_release **DATE** **NOT** **NULL**,

length **NUMBER** **NOT** **NULL**,

plot **VARCHAR2**(1000) **NOT** **NULL**,

productioncompany\_name **VARCHAR2**(50) **NOT** **NULL**

);

**ALTER** **TABLE** film **ADD** **CONSTRAINT** film\_pk **PRIMARY** **KEY** ( title,year\_of\_release );

**CREATE** **TABLE** film\_actor (

film\_title **VARCHAR2**(100) **NOT** **NULL**,

film\_year\_of\_release **DATE** **NOT** **NULL**,

actor\_name **VARCHAR2**(50) **NOT** **NULL**,

**role** **VARCHAR2**(50) **NOT** **NULL**

);

**ALTER** **TABLE** film\_actor

**ADD** **CONSTRAINT** film\_actor\_pk **PRIMARY** **KEY** ( film\_title,film\_year\_of\_release,actor\_name );

**CREATE** **TABLE** film\_director (

film\_title **VARCHAR2**(100) **NOT** **NULL**,

film\_year\_of\_release **DATE** **NOT** **NULL**,

director\_name **VARCHAR2**(50) **NOT** **NULL**

);

**ALTER** **TABLE** film\_director

**ADD** **CONSTRAINT** film\_director\_pk **PRIMARY** **KEY** ( film\_title,film\_year\_of\_release,director\_name );

**CREATE** **TABLE** filmgenre (

film\_title **VARCHAR2**(100) **NOT** **NULL**,

film\_year\_of\_release **DATE** **NOT** **NULL**,

genre\_genreid **INTEGER** **NOT** **NULL**

);

**ALTER** **TABLE** filmgenre

**ADD** **CONSTRAINT** filmgenre\_pk **PRIMARY** **KEY** ( film\_title,film\_year\_of\_release,genre\_genreid );

**CREATE** **TABLE** genre (

genreid **INTEGER** **NOT** **NULL**,

genrename **VARCHAR2**(4000) **NOT** **NULL**

);

**ALTER** **TABLE** genre **ADD** **CONSTRAINT** genre\_pk **PRIMARY** **KEY** ( genreid );

**CREATE** **TABLE** productioncompany (

**name** **VARCHAR2**(50) **NOT** **NULL**,

address **VARCHAR2**(100) **NOT** **NULL**

);

**ALTER** **TABLE** productioncompany **ADD** **CONSTRAINT** productioncompany\_pk **PRIMARY** **KEY** ( **name** );

**CREATE** **TABLE** **quote** (

quoteid **VARCHAR2**(100) **NOT** **NULL**,

**content** **VARCHAR2**(500) **NOT** **NULL**,

film\_title **VARCHAR2**(100) **NOT** **NULL**,

film\_year\_of\_release **DATE** **NOT** **NULL**,

actor\_name **VARCHAR2**(50) **NOT** **NULL**

);

**ALTER** **TABLE** **quote** **ADD** **CONSTRAINT** quote\_pk **PRIMARY** **KEY** ( quoteid );

**ALTER** **TABLE** actor

**ADD** **CONSTRAINT** actor\_film\_fk **FOREIGN** **KEY** ( film\_title,film\_year\_of\_release )

**REFERENCES** film ( title,year\_of\_release );

**ALTER** **TABLE** film\_actor

**ADD** **CONSTRAINT** film\_actor\_actor\_fk **FOREIGN** **KEY** ( actor\_name )

**REFERENCES** actor ( **name** );

**ALTER** **TABLE** film\_actor

**ADD** **CONSTRAINT** film\_actor\_film\_fk **FOREIGN** **KEY** ( film\_title,film\_year\_of\_release )

**REFERENCES** film ( title,year\_of\_release );

**ALTER** **TABLE** film\_director

**ADD** **CONSTRAINT** film\_director\_director\_fk **FOREIGN** **KEY** ( director\_name )

**REFERENCES** director ( **name** );

**ALTER** **TABLE** film\_director

**ADD** **CONSTRAINT** film\_director\_film\_fk **FOREIGN** **KEY** ( film\_title,film\_year\_of\_release )

**REFERENCES** film ( title,year\_of\_release );

**ALTER** **TABLE** film

**ADD** **CONSTRAINT** film\_productioncompany\_fk **FOREIGN** **KEY** ( productioncompany\_name )

**REFERENCES** productioncompany ( **name** );

**ALTER** **TABLE** filmgenre

**ADD** **CONSTRAINT** filmgenre\_film\_fk **FOREIGN** **KEY** ( film\_title,film\_year\_of\_release )

**REFERENCES** film ( title,year\_of\_release );

**ALTER** **TABLE** filmgenre

**ADD** **CONSTRAINT** filmgenre\_genre\_fk **FOREIGN** **KEY** ( genre\_genreid )

**REFERENCES** genre ( genreid );

**ALTER** **TABLE** **quote**

**ADD** **CONSTRAINT** quote\_actor\_fk **FOREIGN** **KEY** ( actor\_name )

**REFERENCES** actor ( **name** );

**ALTER** **TABLE** **quote**

**ADD** **CONSTRAINT** quote\_film\_fk **FOREIGN** **KEY** ( film\_title,film\_year\_of\_release )

**REFERENCES** film ( title,year\_of\_release );