SQL Programming Project Tables

OracleFlix Online Media Rentals

Table name: **CUSTOMERS**

Column Name	CUSTOMER_ID	LAST_NAME	FIRST_NAME	HOME_PHONE	ADDRESS	CITY	STATE	EMAIL	CELL_PHONE
Key Type	PK								
Not Null = NN Unique = U	NN, U	NN	NN	NN	NN	NN	NN		
Data Type	NUMBER	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2
Length	10	25	25	12	100	30	2	25	12

Sample Data – Make up at least six members, using the sequence to generate the PKs:

CUSTOMER_ID	LAST_NAME	FIRST_NAME	HOME_PHONE	ADDRESS	CITY	STATE	EMAIL	CELL_PHONE
101	Palombo	Lisa	716-270-2669	123 Main St	Buffalo	NY	palombo@ecc.edu	716-555-1212

Table Name: **MOVIES**

Column Name	TITLE_ID	TITLE	DESCRIPTION	RATING	CATEGORY	RELEASE_DATE
Key Type	PK					
Not Null = NN Unique = U	NN, U	NN	NN			NN
Check				G, PG, PG13, R,	DRAMA, COMEDY, ACTION, CHILD, SCIFI, DOCUMENTARY	
Data Type	NUMBER	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2	DATE
Length	10	60	400	4	20	

Sample Data – Add at least six titles, use www.imdb.com for information and the sequence for the PKs:

TITLE_ID	TITLE	DESCRIPTION	RATING	CATEGORY	RELEASE_DATE
1	Remember the Titans	The true story of a newly appointed African-American coach and his high school team on their first season as a racially integrated unit.	PG	DRAMA	29-SEP-2000

Table Name: **MEDIA**

Column Name	MEDIA_ID	FORMAT	TITLE_ID
Key Type	PK		FK
Not Null = NN Unique = U	NN, U	NN	NN
FK Ref Table			MOVIES
FK Ref Column			TITLE_ID
Data Type	NUMBER	VARCHAR2	NUMBER
Length	10	3	10

Sample Data : Use TITLE_ID from the MOVIES table, with one or two copies of each title, using the sequence to generate the PKs:

MEDIA_ID	FORMAT	TITLE_ID
92	DVD	1
93	VHS	1

Table Name: **RENTAL HISTORY**

Column Name	MEDIA_ID	RENTAL_DATE	CUSTOMER_ID	RETURN_DATE
KeyType	PK, FK1	PK	FK2	
Not Null = NN Unique = U	NN, U	NN	NN	
Default Value		SYSDATE		
FK Ref Table	MEDIA		CUSTOMERS	
FK Ref Column	MEDIA_ID		CUSTOMER_ID	
Data Type	NUMBER	DATE	NUMBER	DATE
Length	10		10	

Sample Data – Add four rows using MEDIA_ID from the MEDIA table and CUSTOMER_ID from the CUSTOMER table:

MEDIA_ID	RENTAL_DATE	CUSTOMER_ID	RETURN_DATE
92	19-SEP-2010	101	20-SEP-2010

Table Name: **ACTORS**

Table Definition:

Column Name	ACTOR_ID	STAGE_NAME	FIRST_NAME	LAST_NAME	BIRTH_DATE
Key Type	PK				
Not Null = NN Unique = U	NN, U	NN	NN	NN	NN
Data Type	NUMBER	VARCHAR2	VARCHAR2	VARCHAR2	DATE
Length	10	40	25	25	

Sample Data : add at least 4 rows, using the sequence to generate the PKs :

ACTOR_ID	STAGE_NAME	FIRST_NAME	LAST_NAME	BIRTH_DATE
1001	Brad Pitt	William	Pitt	18-DEC-1963

Table Name: **STAR_BILLINGS**

Column Name	ACTOR_ID	TITLE_ID	COMMENTS
Key Type	PK, FK1	PK, FK2	
Not Null = NN Unique = U	NN	NN	
FK Ref Table	ACTORS	MOVIES	
FK Ref Column	ACTOR_ID	TITLE_ID	
Data Type	NUMBER	NUMBER	VARCHAR2
Length	10	10	40

Sample Data : add at least 4 rows, using ACTOR_IDs from the ACTORS table and TITLE_IDs from the MOVIES table :

ACTOR_ID	TITLE_ID	COMMENTS
1001	2	Romantic Lead