

LAB 6 - CREATING TABLES, PRIMARY AND FOREIGN KEYS

IST 210

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PART 1

```
/* Script to build tables for FLIX2YOU .. current schema before revision */
```

```
/* Gary Heberling May 2, 2012 */
```

```
/* For IST210 world campus Penn State University */
```

```
/* This script will create 7 tables of the FLIX2YOU database
```

```
along with primary and foreign keys */
```

```
/* Modifications to script:
```

```
(1) reversed order of drop table financial_transactions and account; 1/3/13 by glh
```

```
*/
```

```
/* Drop tables that may already exist */
```

```
/* The following code is commented out
```

```
and is available for your use if you
```

```
need to drop all the tables
```

```
DROP TABLE movie_cast;
```

```
DROP TABLE financial_transactions;
```

```
DROP TABLE accounts;
```

```
DROP TABLE customer_rentals;
```

```
DROP TABLE movies;
```

```
DROP TABLE genre_codes;
```

```
DROP TABLE format_types;
```

```
DROP TABLE video_stores;
```

```
DROP TABLE condition_codes;
```

```
DROP TABLE actors;
```

```
DROP TABLE customers;
```

```
DROP TABLE rental_status_codes;
```

```
DROP TABLE transaction_types;
```

```
DROP TABLE payment_methods;
```

```
*/
```

```
/* create tables */
```

```
/* genre_codes */
```

```
CREATE TABLE genre_codes(  
    genre_code int IDENTITY(1,1) NOT NULL,  
    genre_code_description varchar(32) NOT NULL);
```

```
/* format_types */
```

```
CREATE TABLE format_types(  
    format_type_code int IDENTITY(1,1) NOT NULL,  
    format_type_description varchar(32) NOT NULL);
```

```
/* video_stores */
```

```
CREATE TABLE video_stores(  
    store_id int IDENTITY(1,1) NOT NULL,  
    store_name varchar(32) NOT NULL,  
    store_address varchar(128) NOT NULL,
```

```
store_city varchar(32) NOT NULL,  
store_state varchar(2) NOT NULL,  
store_zip varchar(12) NOT NULL,  
store_email varchar(128) NOT NULL,  
other_store_details varchar(512) NOT NULL);  
  
/* condition_code */  
  
CREATE TABLE condition_codes(  
    condition_code int IDENTITY(1,1) NOT NULL,  
    condition_code_description varchar(32) NOT NULL);  
  
/* actors */  
  
CREATE TABLE actors(  
    actor_id int IDENTITY(1,1) NOT NULL,  
    actor_gender char(1) NOT NULL,  
    actor_first_name varchar(32) NOT NULL,  
    actor_last_name varchar(32) NOT NULL,  
    other_actor_details varchar(512) NOT NULL);  
  
/* movies */  
  
CREATE TABLE movies(  
    movie_id int IDENTITY(1,1) NOT NULL,  
    condition_code int NOT NULL,  
    format_type_code int NOT NULL,  
    genre_type_code int NOT NULL,  
    store_id int NOT NULL,  
    release_year int NOT NULL,  
    movie_title varchar(128) NOT NULL,  
    movie_description varchar(1024) NOT NULL,  
    number_in_stock int NOT NULL,  
    rental_or_sale_or_both tinyint NOT NULL,
```