*DDL & Views*

***For each of these questions, be sure to show the question, your code, and the system response (eg. TABLE CREATED) in your solution***.

## Use the Oracle 9i server for questions 1 thru 9.

1. Prepare and execute the simple DDL (data definition language) statements for the myMovies table design described in the following table instance charts. (2 pts)

## myMovies

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | ID | Title | YR Produced | Studio | Director |
| Nulls/Unique | Not Null | Not Null | Not Null | Null | Null |
| Sample Data | 1001 | Aliens |  |  |  |
|  | 1002 | The Wild Geese |  |  |  |
|  | 1003 | North by Northwest |  |  |  |

1. Insert 5 or more rows of data into the table – provide meaningful values for **each** column.
2. Describe the table, and then show all of the rows in the table.
3. Prepare and execute the simple DDL (data definition language) statements for the myBooks table design described in the following table instance charts. (2 pts)

## myBooks

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | ID | Title | Author | Publisher ID | YR Published |
| Nulls/Unique | Not Null | Not Null | Not Null | Null | Null |
| Sample Data | 3001 | Fahrenheit 451 | Bradbury |  |  |
|  | 3002 | Disclosure | Crichton |  |  |
|  | 3003 | The Fist of God | Forsyth |  |  |

1. Insert 5 or more rows of data into the table – provide meaningful values for each column.
2. Describe the table, and then show all of the rows in the table
3. Prepare and execute the simple DDL (data definition language) statements for the myPublisher table design described in the following table instance charts. (2 pts)

## myPublisher

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | ID | Name | City | Country |
| Nulls/Unique | Not Null | Not Null, Unique | Not Null | Not Null |
| Sample Data | 9001 |  |  |  |
|  | 9002 |  |  |  |
|  | 9003 |  |  |  |

1. Insert 5 or more rows of data into the table – provide meaningful values for each column.
2. Describe the table, and then show all of the rows in the table
3. Create a view named ‘SCIFI’ that is based on the old movies table that we’ve been using all semester. This view should include all of the columns from the movies table, but only the rows for genre=SF films.
4. Describe the view, and then show all of the rows in the view
5. Use the view to find and display all of the films that contain the word ‘The’ in their title.