Use the tables cust,movie,invoice created in the previous lab to do the following queries.

1. Create a DVD table

|  |  |  |
| --- | --- | --- |
| Attribute Name | Data Type | Constraints |
| Mvno | Number(2) | Primary Key ,not null |
| title | Varchar2(25) |  |
| type | Varchar2(10) |  |
| star | Varchar2(25) |  |
| price | Number(8,2) |  |

1. Insert these values.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| mvno | title | type | star | price |
| 11 | Bloody Vengeance | action | Jackie Chan | 300.00 |
| 22 | The Firm | thriller | Tom cruise | 500.00 |
| 33 | Sound of Music | romance | Julie Andrews | 450.00 |
| 43 | Home Alone | Comedy | Macaulay Culkin | 350.55 |
| 54 | Superman | Thriller | Christopher Reeve | 600.00 |
| 65 | Spiderman | Thriller | Andrew Garfield | 500.00 |

Create table DVD (

Myno Number(2) primary key,

title varchar2(25),

type varchar2(10),

star varchar2(25),

price number(8,2)

);

Insert into DVD Values(11,'Bloody Vengeance', 'action', 'Jackie Chan', 300.00);

Insert into DVD Values(22,'The Firm', 'thriller', 'Tom Cruise', 500.00);

Insert into DVD Values(33, 'Sound of Music', 'romance' ,'Julie Andrews', 450.00);

Insert into DVD Values(43, 'Home Alone', 'Comedy', 'Macaulay Culkin', 550.55);

Insert into DVD Values(54, 'Superman', 'Thriller', 'Christopher Reeve', 600.00);

Insert into DVD Values(65, 'Spiderman', 'Thriller', 'Andrew Garfield', 500.00);

1. List all the DVD and movies.
2. List all movies which are available as DVDs.
3. List Movies which are not available as DVDs.
4. Find the average , maximum and minimum price of dvd based on type.
5. Increase the price of DVD by 12 %

Aggregate functions and concatenation

1. Count the total number of customers.
2. Calculate the total price of all the movies.
3. Calculate the average price of all the movies.
4. Determine the maximum and minimum of prices. Rename the title as max\_price and min\_price respectively.
5. Count the number of movies having price greater than or equal to 150.
6. Print the information of invoice table in the following format for all records

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Having and Group By

1. Print the type and average price of each movie
2. Find the number of movies in each type
3. Count separately the number of movies in the 'comedy' and 'thriller' type.
4. Calculate the average price for each type that has a maximum price of 150,00. -
5. Calculate the average price of all movies where type is comedy' or "thriller' and price is greater than or equal to 50

Functions

1. List the title and length and internal storage of title from Movie table.
2. Display movie titles as uppercase letters
3. Display the Date after 10 days for retDate from Invoice table.
4. Display the months between today’s date and issueDate from Invoice table.
5. Calculate your age and display.
6. Display your date of birth in mm/dd/yy format
7. Display the last day month corresponding to the issueDate
8. Display the floor and ceil value of price.
9. Display square root of price.
10. Display sin and sin inverse for a particular value.
11. Display DVD titles ending with man to boy in DVD table.