SQL 2 Lab

Description
In this lab you will create SQL queries for the following questions. Create a script that does this. Tee the output to a file and submit the file to canvas.

Grading This lab is worth 10 points. That is one point for each question.

1 Display all the id, title, price, 10% (.10), new price (price*.90)

<table>
<thead>
<tr>
<th>title_id</th>
<th>title_name</th>
<th>price</th>
<th>discount</th>
<th>New Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>1977!</td>
<td>21.99</td>
<td>0.10</td>
<td>19.7910</td>
</tr>
<tr>
<td>T02</td>
<td>200 Years of German Humor</td>
<td>19.95</td>
<td>0.10</td>
<td>17.9550</td>
</tr>
<tr>
<td>T03</td>
<td>Ask Your System Administrator</td>
<td>39.95</td>
<td>0.10</td>
<td>35.9550</td>
</tr>
<tr>
<td>T04</td>
<td>But I Did It Unconsciously</td>
<td>12.99</td>
<td>0.10</td>
<td>11.6910</td>
</tr>
<tr>
<td>T05</td>
<td>Exchange of Platitudes</td>
<td>6.95</td>
<td>0.10</td>
<td>6.2550</td>
</tr>
<tr>
<td>T06</td>
<td>How About Never?</td>
<td>19.95</td>
<td>0.10</td>
<td>17.9550</td>
</tr>
<tr>
<td>T07</td>
<td>I Blame My Mother</td>
<td>23.95</td>
<td>0.10</td>
<td>21.5550</td>
</tr>
<tr>
<td>T08</td>
<td>Just Wait Until After School</td>
<td>10.00</td>
<td>0.10</td>
<td>9.0000</td>
</tr>
<tr>
<td>T09</td>
<td>Kiss My Boo-Boo</td>
<td>13.95</td>
<td>0.10</td>
<td>12.5550</td>
</tr>
<tr>
<td>T10</td>
<td>Not Without My Faberge Egg</td>
<td>NULL</td>
<td>0.10</td>
<td>NULL</td>
</tr>
<tr>
<td>T11</td>
<td>Perhaps It’s a Glandular Problem</td>
<td>7.99</td>
<td>0.10</td>
<td>7.1910</td>
</tr>
<tr>
<td>T12</td>
<td>Spontaneous, Not Annoying</td>
<td>12.99</td>
<td>0.10</td>
<td>11.6910</td>
</tr>
<tr>
<td>T13</td>
<td>What Are The Civilian Applications?</td>
<td>29.99</td>
<td>0.10</td>
<td>26.9910</td>
</tr>
</tbody>
</table>

2 Display all the authors names.

<table>
<thead>
<tr>
<th>name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buchman, Sarah</td>
</tr>
<tr>
<td>Heydemark, Wendy</td>
</tr>
<tr>
<td>Hull, Hallie</td>
</tr>
<tr>
<td>Hull, Klee</td>
</tr>
<tr>
<td>Kells, Christian</td>
</tr>
<tr>
<td>Kellsey,</td>
</tr>
<tr>
<td>O’Furniture, Paddy</td>
</tr>
</tbody>
</table>

3 Display all Search ID and names of the authors.

<table>
<thead>
<tr>
<th>Search ID</th>
<th>name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUC7223</td>
<td>Buchman, Sarah</td>
</tr>
<tr>
<td>HEY7020</td>
<td>Heydemark, Wendy</td>
</tr>
<tr>
<td>HUL4278</td>
<td>Hull, Hallie</td>
</tr>
<tr>
<td>HUL4278</td>
<td>Hull, Klee</td>
</tr>
<tr>
<td>KEL4680</td>
<td>Kells, Christian</td>
</tr>
<tr>
<td>KEL7128</td>
<td>Kellsey,</td>
</tr>
<tr>
<td>O’F0752</td>
<td>O’Furniture, Paddy</td>
</tr>
</tbody>
</table>

4 Display all the authors names and how long they are.

<table>
<thead>
<tr>
<th>au_lname</th>
<th>length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buchman</td>
<td>7</td>
</tr>
<tr>
<td>Heydemark</td>
<td>9</td>
</tr>
<tr>
<td>Hull</td>
<td>4</td>
</tr>
<tr>
<td>Hull</td>
<td>4</td>
</tr>
</tbody>
</table>
### 5 Display all the book ID’s, titles, and year of publication.

<table>
<thead>
<tr>
<th>title_id</th>
<th>title_name</th>
<th>year</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>1977!</td>
<td>2000</td>
</tr>
<tr>
<td>T02</td>
<td>200 Years of German Humor</td>
<td>1998</td>
</tr>
<tr>
<td>T03</td>
<td>Ask Your System Administrator</td>
<td>2000</td>
</tr>
<tr>
<td>T04</td>
<td>But I Did It Unconsciously</td>
<td>1999</td>
</tr>
<tr>
<td>T05</td>
<td>Exchange of Platitudes</td>
<td>2001</td>
</tr>
<tr>
<td>T06</td>
<td>How About Never?</td>
<td>2000</td>
</tr>
<tr>
<td>T07</td>
<td>I Blame My Mother</td>
<td>1999</td>
</tr>
<tr>
<td>T08</td>
<td>Just Wait Until After School</td>
<td>2001</td>
</tr>
<tr>
<td>T09</td>
<td>Kiss My Boo-Boo</td>
<td>2002</td>
</tr>
<tr>
<td>T10</td>
<td>Not Without My Faberge Egg</td>
<td>NULL</td>
</tr>
<tr>
<td>T11</td>
<td>Perhaps It’s a Glandular Problem</td>
<td>2000</td>
</tr>
<tr>
<td>T12</td>
<td>Spontaneous, Not Annoying</td>
<td>2000</td>
</tr>
<tr>
<td>T13</td>
<td>What Are The Civilian Applications?</td>
<td>1999</td>
</tr>
</tbody>
</table>

### 6 Display all the book ids, titles, publication date and Copyright Expire Date(28 years).

<table>
<thead>
<tr>
<th>title_id</th>
<th>title_name</th>
<th>pubdate</th>
<th>copyright date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>1977!</td>
<td>2000-08-01</td>
<td>2028-08-01</td>
</tr>
<tr>
<td>T02</td>
<td>200 Years of German Humor</td>
<td>1998-04-01</td>
<td>2026-04-01</td>
</tr>
<tr>
<td>T03</td>
<td>Ask Your System Administrator</td>
<td>2000-09-01</td>
<td>2028-09-01</td>
</tr>
<tr>
<td>T04</td>
<td>But I Did It Unconsciously</td>
<td>1999-05-31</td>
<td>2027-05-31</td>
</tr>
<tr>
<td>T05</td>
<td>Exchange of Platitudes</td>
<td>2001-01-01</td>
<td>2029-01-01</td>
</tr>
<tr>
<td>T06</td>
<td>How About Never?</td>
<td>2000-07-31</td>
<td>2028-07-31</td>
</tr>
<tr>
<td>T07</td>
<td>I Blame My Mother</td>
<td>1999-10-01</td>
<td>2027-10-01</td>
</tr>
<tr>
<td>T08</td>
<td>Just Wait Until After School</td>
<td>2001-06-01</td>
<td>2029-06-01</td>
</tr>
<tr>
<td>T09</td>
<td>Kiss My Boo-Boo</td>
<td>2002-05-31</td>
<td>2030-05-31</td>
</tr>
<tr>
<td>T10</td>
<td>Not Without My Faberge Egg</td>
<td>NULL</td>
<td>NULL</td>
</tr>
<tr>
<td>T11</td>
<td>Perhaps It’s a Glandular Problem</td>
<td>2000-11-30</td>
<td>2028-11-30</td>
</tr>
<tr>
<td>T12</td>
<td>Spontaneous, Not Annoying</td>
<td>2000-08-31</td>
<td>2028-08-31</td>
</tr>
</tbody>
</table>

### 7 Display all the book ids, titles, price, and new price (10% off of history books and 20% off of everything else).

<table>
<thead>
<tr>
<th>title_id</th>
<th>title_name</th>
<th>price</th>
<th>New Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>1977!</td>
<td>21.99</td>
<td>19.7910</td>
</tr>
<tr>
<td>T02</td>
<td>200 Years of German Humor</td>
<td>19.95</td>
<td>17.9550</td>
</tr>
<tr>
<td>T03</td>
<td>Ask Your System Administrator</td>
<td>39.95</td>
<td>31.9600</td>
</tr>
<tr>
<td>T04</td>
<td>But I Did It Unconsciously</td>
<td>12.99</td>
<td>10.3920</td>
</tr>
<tr>
<td>T05</td>
<td>Exchange of Platitudes</td>
<td>6.95</td>
<td>5.5600</td>
</tr>
<tr>
<td>T06</td>
<td>How About Never?</td>
<td>19.95</td>
<td>15.9600</td>
</tr>
<tr>
<td>T07</td>
<td>I Blame My Mother</td>
<td>23.95</td>
<td>19.1600</td>
</tr>
<tr>
<td>T08</td>
<td>Just Wait Until After School</td>
<td>10.00</td>
<td>8.0000</td>
</tr>
<tr>
<td>T09</td>
<td>Kiss My Boo-Boo</td>
<td>13.95</td>
<td>11.1600</td>
</tr>
<tr>
<td>T10</td>
<td>Not Without My Faberge Egg</td>
<td>NULL</td>
<td>NULL</td>
</tr>
<tr>
<td>T11</td>
<td>Perhaps It’s a Glandular Problem</td>
<td>7.00</td>
<td>6.3920</td>
</tr>
</tbody>
</table>
8 Display all the ids, names and price of the books. (Note: the priceless book)

<table>
<thead>
<tr>
<th>title_id</th>
<th>title_name</th>
<th>retail</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>1977!</td>
<td>21.99</td>
</tr>
<tr>
<td>T02</td>
<td>200 Years of German Humor</td>
<td>19.95</td>
</tr>
<tr>
<td>T03</td>
<td>Ask Your System Administrator</td>
<td>39.95</td>
</tr>
<tr>
<td>T04</td>
<td>But I Did It Unconsciously</td>
<td>12.99</td>
</tr>
<tr>
<td>T05</td>
<td>Exchange of Platitudes</td>
<td>6.95</td>
</tr>
<tr>
<td>T06</td>
<td>How About Never?</td>
<td>19.95</td>
</tr>
<tr>
<td>T07</td>
<td>I Blame My Mother</td>
<td>23.95</td>
</tr>
<tr>
<td>T08</td>
<td>Just Wait Until After School</td>
<td>10.00</td>
</tr>
<tr>
<td>T09</td>
<td>Kiss My Boo-Boo</td>
<td>13.95</td>
</tr>
<tr>
<td>T10</td>
<td>Not Without My Faberge Egg</td>
<td>13.95</td>
</tr>
<tr>
<td>T11</td>
<td>Perhaps It’s a Glandular Problem</td>
<td>7.99</td>
</tr>
<tr>
<td>T12</td>
<td>Spontaneous, Not Annoying</td>
<td>12.99</td>
</tr>
<tr>
<td>T13</td>
<td>What Are The Civilian Applications?</td>
<td>29.99</td>
</tr>
</tbody>
</table>

9 Display the current date and time.

Current Time
2010-09-22 15:21:57

10 Display the current host machine (Hint: CURRENT_USER)

Server
localhost