Exercise 4.1.1

Exercise 4.5.1

Customers(SS#, Name, Addr, Phone)
Bookings(CustomerSS#, Flight#, Flightday, row, seat)
Flights(number, day, aircraft)

Exercise 5.2.1

A)

<table>
<thead>
<tr>
<th>A+B</th>
<th>A^2</th>
<th>B^2</th>
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<tr>
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</tr>
<tr>
<td>6</td>
<td>4</td>
<td>16</td>
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<td>7</td>
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G)

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<th>SUM(B)</th>
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<tr>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
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</table>

Exercise 6.1.2

A)

SELECT address FROM Studio
WHERE name = 'MGM';

B)

SELECT birthdate
FROM moviestar
WHERE name = 'Sandra Bullock';
Exercise 6.2.1

A) SELECT starName 
FROM StarsIn, MovieStar
WHERE StarsIn.starName = MovieStar.name AND movieTitle = ‘Titanic’ AND gender = ‘M’;

B) SELECT starName FROM StarsIn, Movie
WHERE studioName = ‘MGM’ AND year = 1995 AND StarsIn.movieTitle=Movie.title;

C) SELECT MovieExec.name FROM MovieExec, Studio 
WHERE Studio.name = ‘MGM’ AND Studio.presC# = MovieExec.cert#;

D) SELECT m1.title 
FROM movie m1, movie m2
WHERE m1.length > m2.length AND m2.title = ‘Gone with the Wind’;

E) SELECT e1.name 
FROM MovieExec e1, MovieExec e2
WHERE e2.name = ‘Merv Griffin’ AND e1.netWorth > e2.netWorth;