

COMP 4007 Class 5

SQL Practice Assignment.

Write the SQL code below the statement/question.

Example question and solution:

Question: Prepare a list of Client locations (by postal code only).

Answer:

```
SELECT CLIENT.ClientName, CLIENT.PostalCode
FROM CLIENT;
```

1. Show a list of Clients' addresses.

```
SELECT CLIENT.ClientName, CLIENT.Street, CLIENT.City, CLIENT.State
FROM CLIENT;
```

2. Prepare a list of Recruiters and the Clients they serve.

```
SELECT RECRUITER.FirstName, RECRUITER.LastName, CLIENT.ClientName
FROM RECRUITER, CLIENT;
```

3. Prepare a list of Clients, the amount they have already paid, and how much they still owe.

```
SELECT CLIENT.ClientName, CLIENT.AmountPaid, CLIENT.CurrentDue
FROM CLIENT;
```

4. Prepare a list of Clients, the amount they have already paid, and how much they still owe, but, only include those who have paid more than \$19,000, **and** currently owe less than \$30,000.

```
SELECT CLIENT.ClientName, CLIENT.AmountPaid, CLIENT.CurrentDue
FROM CLIENT
WHERE CLIENT.AmountPaid >19000)
AND CLIENT.CurrentDue <30000;
```

5. Prepare a list of Clients, the amount they have already paid, and how much they still owe, but, only include those who have paid more than \$25,000, **or** currently owe nothing.

```
SELECT CLIENT.ClientName, CLIENT.AmountPaid, CLIENT.CurrentDue
FROM CLIENT
WHERE CLIENT.AmountPaid >25000 OR CLIENT.CurrentDue =0;
```

*this is (V2) **graded practice** due next class. I am checking your answers to Q #5-8 and that you named this document file correctly (as per instructions in the LMS).

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6. Generate a list of Recruiters who live in the city of Tourin. (Don't show the city name in the results).

```
SELECT RECRUITER.LastName, RECRUITER.FirstName  
  
FROM RECRUITER  
  
WHERE RECRUITER.City ="Tourin";
```

7. Show the **average** amount that all Clients still owe. Include those clients who owe nothing.

```
SELECT AVG(CLIENT.CurrentDue)  
  
FROM CLIENT;
```

8. Prepare a list of Recruiters, the rate they are paid, and how much commission they have made year to date. Calculate the Total Number of Hours Worked for each Recruiter (as a new field: TotalHours).

```
SELECT RECRUITER.LastName, RECRUITER.FirstName, RECRUITER.Rate, RECRUITER.Commission,  
RECRUITER.[Commission]/[Rate] AS TotalHours  
  
FROM RECRUITER;
```

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