

## Module 2 Practice Coding Questions

For all the questions in this practice set, you will be using the *Salary by Job Range Table*. This is a single table titled: salary\_range\_by\_job\_classification. This table contains the following columns:

- SetID
- Job\_Code
- Eff\_Date
- Sal\_End\_Date
- Salary\_setID
- Sal\_Plan
- Grade
- Step
- Biweekly\_High\_Rate
- Biweekly\_Low\_Rate
- Union\_Code
- Extended\_Step
- Pay\_Type

Find the distinct values for the extended step.

```
select
distinct extended_step
from salary_range_by_job_classification
```

Excluding \$0.00, what is the minimum bi-weekly high rate of pay (*please include the dollar sign and decimal point in your answer*)? **100.00**

```
select biweekly_high_rate
from salary_range_by_job_classification
order by biweekly_high_rate asc
limit 10
```

What is the maximum biweekly high rate of pay (*please include the dollar sign and decimal point in your answer*)? **\$9726.38**

```
select max(biweekly_high_rate)
from salary_range_by_job_classification
```

What is the pay type for all the job codes that start with '03'? **B**

```
Select
job_code,
pay_type
From salary_range_by_job_classification
where job_code like '03%'
```

Run a query to find the Effective Date (eff\_date) or Salary End Date (sal\_end\_date) for grade Q90H0? What is the *Salary End Date* (sal\_end\_date) for grade Q90H0? (*Enter date format as follows: 01/01/2000*) **06/30/2010**

```
Select
grade, eff_date, sal_end_date
From salary_range_by_job_classification
```

```
where grade = 'Q90H0'
```

Sort the Biweekly low rate in ascending order. Are these values properly sorted? **No because this is a varchar field.**

```
select Biweekly_Low_Rate
From salary_range_by_job_classification
order by Biweekly_Low_Rate asc
```

Write and run a query, with no starter code to answer this question: What Step are Job Codes 0110-0400? **1**

```
select
job_code,
salary_setid,
step
from salary_range_by_job_classification
where job_code between "0110" and "0400"
```

Write and run a query, with no starter code or hints to answer this question: What is the Biweekly High Rate minus the Biweekly Low Rate for job Code 0170? **0.00**

```
select distinct extended_step
from salary_range_by_job_classification
where pay_type = 'm'
or pay_type = 'h'
or pay_type = 'd'
```

Write and run a query, with no starter code or hints to answer this question: What is the step for Union Code 990 and a Set ID of SFMTA or COMMN? **1**

```
select step
from salary_range_by_job_classification
where union_code = '990'
and (setid = 'sfmta' or setid = 'commn')
```