Module 2 Practice Quiz

Practice Quiz, 11 questions

✔ **Congratulations! You passed!**

<div style="border:1px solid blue; float:right;">Next Item</div>

✔ 1 / 1
point

1.

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

Please refer to this information to write queries to answer the questions. **Are you ready to get started?**

○ Yes, I am ready to begin.

▲

Great, let's get started!

○ No, I am not ready to begin.

✔ 1 / 1
point

2.

Find the distinct values for the extended step. The code has been started for you, but you will need to

Module 2 Practice Quiz
program the attribute yourself before running the query.

Practice Quiz, 11 questions

```
1   SELECT
2   DISTINCT Extended_Step
3   FROM salary_range_by_job_classification
```

Run

Reset

Which of the following values is not a distinct value?

◯ 2

◯ 6

🔘 5

Correct

Here is what you should have in your script. If you programmed correctly, you will have seen that
this number is not a distinct value.

```
1   SELECT
2   distinct Extended_step
3   from salary_range_by_job_classification;
```

Run

Reset

◯ 0

◯ 11

✅ 1 / 1
point

3.

Excluding $0.00, what is the minimum bi-weekly high rate of pay *(please include the dollar sign and
decimal point in your answer)*? The code has been started for you, but you will need to add onto the last
line of code to get the correct answer.

```
1   Select
2   min(Biweekly_high_Rate)
3   From salary_range_by_job_classification
4   WHERE NOT Biweekly_High_Rate='$0.00';
5   |
```

Run

Reset

$100.00

Correct Response

Great job! You knew how to complete the query to find the answer!

Module 2 Practice Quiz

Practice Quiz, 11 questions

✅   1 / 1
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4.

What is the maximum biweekly high rate of pay (*please include the dollar sign and decimal point in your answer*)? The code has been started for you, but you will need to add onto the last line of code to get the correct answer.

```
1  SELECT
2  Max(Biweekly_high_Rate)
3  FROM salary_range_by_job_classification
4
5  |
```

Run

Reset

$9726.38

▲

Correct Response

Great job! You knew how to complete the query to find the answer!

✅   1 / 1
point

5.

What is the pay type for all the job codes that start with '03'? The code has been started for you, but you will need to program the <u>fourth and fifth lines</u> yourself before running the query.

```
1  Select
2  job_code
3  ,pay_type
4  FROM salary_range_by_job_classification
5  WHERE Job_code>= '0300' AND Job_code<'0400';
6  |
```

Run

Reset

B

▲

Correct Response

Great job! You knew how to complete the query to find the answer!

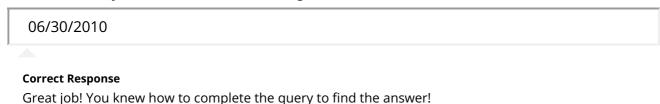✅   1 / 1
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6.

Run a query to find the Effective Date (eff_date) or Salary End Date (sal_end_date) for grade Q90H0? The
Module 2 Practice Quiz
code has been started for you, but you will need to program the <u>third through the sixth lines</u> yourself
Practice Quiz • 11 questions
before running the query.

```
1   Select
2   grade
3   ,eff_date
4   ,sal_end_date
5   FROM salary_range_by_job_classification
6   WHERE grade='Q90H0';
7   |
```

Run

Reset

What is the **Salary End Date** (sal_end_date) for grade Q90H0? *(Enter date format as follows: 01/01/2000)*

06/30/2010

▲

Correct Response

Great job! You knew how to complete the query to find the answer!

✔ 　　　1 / 1
　　　　point

7.

Sort the Biweekly low rate in ascending order. There is no starter code, as you need to write and run the
query on your own. *Hint: there are 4 lines to run this query.*

```
1   SELECT
2   Biweekly_Low_Rate
3   FROM salary_range_by_job_classification
4   ORDER BY Biweekly_Low_Rate ASC;|
```

Run

Reset

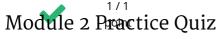**Are these values properly sorted?**

◯　No

▲

Correct

Because this is a varchar field. Here is what your query should have looked like:

```
1   Select
2   biweekly_low_rate
3   From salary_range_by_job_classification
4   order by biweekly_low_rate asc
5   |
```

Run

Reset

◯　Yes

Module 2 Practice Quiz

1 / 1 rac

Practice Quiz, 11 questions

8.

Write and run a query, with no starter code to answer this question: **What Step are Job Codes 0110-0400?**
Hint: there are 6 lines to run this query.

```
1  SELECT
2  Step
3  ,Job_code
4  FROM salary_range_by_job_classification
5  WHERE Job_code>='0110' AND Job_code<='0400';
6
7  |
```

Run

Reset

1

Correct Response

Great job! You knew how to complete the query to find the answer!

1 / 1
point

9.

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?**

```
1  SELECT
2  Job_code
3  ,Biweekly_High_Rate
4  ,Biweekly_Low_Rate
5  ,Biweekly_High_Rate-Biweekly_Low_Rate AS rate_diff
6  FROM salary_range_by_job_classification
7  WHERE Job_code='0170';
8  |
```

Run

Reset

0

Correct Response

Great job! You knew how to complete the query to find the answer!

1 / 1
point

10.

Write and run a query, with no starter code or hints to answer this question: **What is the Extended Step**

Module 2 Practice Quiz
for Pay Types M, H, and D?

Practice Quiz, 11 questions

```
1   SELECT
2   Extended_step
3   ,Pay_Type
4   FROM salary_range_by_job_classification
5   WHERE Pay_Type='M'OR Pay_Type='H'OR Pay_Type='D';
6   |
```

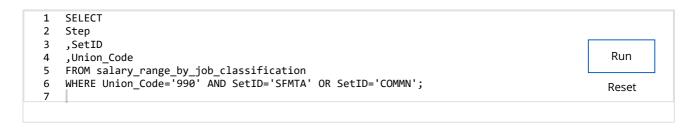Run

Reset

```
0
```

Correct Response

Great Job! You knew how to complete the query to find the answer.

✓ 1 / 1
point

11.

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
2   Step
3   ,SetID
4   ,Union_Code
5   FROM salary_range_by_job_classification
6   WHERE Union_Code='990' AND SetID='SFMTA' OR SetID='COMMN';
7   |
```

Run

Reset

```
1
```

Correct Response

Great job! You were able to complete the query to find the answer.