

Relational Databases with MySQL Week 7 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: Using a text editor of your choice, write the queries that accomplishes the objectives listed below. Take screenshots of the queries and results and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document to the repository. Additionally, push an .sql file with all your queries to the same repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

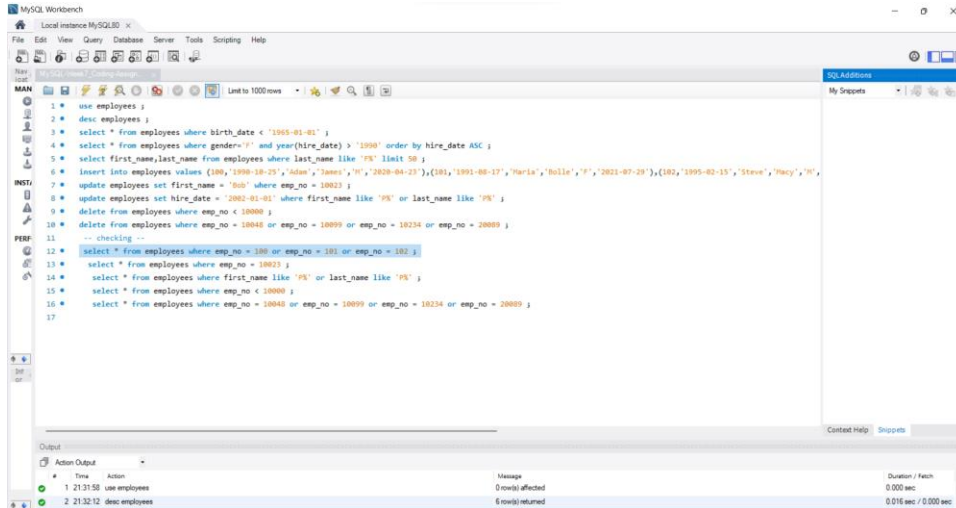
Coding Steps:

Using the employees database you installed, write SQL queries that do the following (the SQL queries you write are what you will turn in for your homework):

1. Show all employees who were born before 1965-01-01
2. Show all employees who are female and were hired after 1990
3. Show the first and last name of the first 50 employees whose last name starts with F
4. Insert 3 new employees into the employees table. There emp_no should be 100, 101, and 102. You can choose the rest of the data.
5. Change the employee's first name to Bob for the employee with the emp_no of 10023.
6. Change all employees hire dates to 2002-01-01 whose first or last names start with P.
7. Delete all employees who have an emp_no less than 10000

8. Delete all employee who have an emp_no of 10048, 10099, 10234, and 20089.

Screenshots of Queries:



Screenshots of Query Results (only include the last 20 rows):

4	21:33:32	desc employees	6 row(s) returned	0.016 sec / 0.000 sec
5	21:33:41	select * from employees where birth_date < '1965-01-01' LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
6	21:34:17	desc employees	6 row(s) returned	0.016 sec / 0.000 sec
7	21:35:34	select first_name,last_name from employees where gender='F' and year(hire_date) > '1990' LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
8	21:36:13	select * from employees where gender='F' and year(hire_date) > '1990' LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
9	21:36:53	select * from employees where gender='F' and year(hire_date) > '1990' order by hire_date ASC LIMIT 0, 1000	1000 row(s) returned	0.344 sec / 0.000 sec
10	21:38:42	select first_name,last_name from employees where last_name like 'P%'; limit 50	50 row(s) returned	0.000 sec / 0.000 sec
11	21:39:56	insert into employees values (100,'1990-10-25','Adam','James','M','2020-04-23'),('101','1991-08-17','Marta','Bola','F','2021-07-29'),('102','1995-02-15','Steve','Pacy','M',	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
12	21:41:42	update employees set first_name = 'Bob' where emp_no = 10023	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.031 sec
13	21:43:37	update employees set hire_date = '2002-01-01' where first_name like 'P%' or last_name like 'P%'	31566 row(s) affected Rows matched: 31566 Changed: 31566 Warnings: 0	1.516 sec
14	21:44:35	delete from employees where emp_no < 10000	3 row(s) affected	0.032 sec
15	21:47:00	delete from employees where emp_no = 10048 or emp_no = 10099 or emp_no = 10234 or emp_no = 20089	4 row(s) affected	0.016 sec
16	21:48:48	select * from employees where emp_no = 100 or emp_no = 101 or emp_no = 102 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	21:51:57	select * from employees where emp_no = 10023 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	21:52:59	select * from employees where first_name like 'PS' or last_name like 'PS' LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
19	21:54:57	select * from employees where emp_no < 10000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	21:55:27	select * from employees where emp_no = 10048 or emp_no = 10099 or emp_no = 10234 or emp_no = 20089 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
21	21:55:52	select * from employees where emp_no = 100 or emp_no = 101 or emp_no = 102 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	21:56:53	insert into employees values (100,'1990-10-25','Adam','James','M','2020-04-23'),('101','1991-08-17','Marta','Bola','F','2021-07-29'),('102','1995-02-15','Steve','Pacy','M',	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.032 sec
23	21:57:09	select * from employees where emp_no = 100 or emp_no = 101 or emp_no = 102 LIMIT 0, 1000	3 row(s) returned	0.017 sec / 0.000 sec

URL to GitHub Repository:

<https://github.com/cel90/MySQL-Week7-Coding-Assignment>