

Database Technologies Assignment - 01  
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Q20) It has been discovered that the sales people in department 30 are not all male. Hence display the job of salesman as salesperson.

```
use emp;
alter table employee modify Job varchar(15);
update employee set Job = "SALESPERSON" where Department_No = 30;
select * from emp.employee;
```

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the 'SCHEMAS' tab with a tree view of the 'employee' database, including tables like 'department', 'employee', and 'salarygrade'. The main editor window displays four SQL queries:

- `use emp;`
- `alter table employee modify Job varchar(15);`
- `update employee set Job = "SALESPERSON" where Department_No = 30;`
- `select * from emp.employee;`

Below the queries, the 'Result Grid' shows the output of the last query. The table has 8 columns: Employee\_No, Employee\_Name, Job, MGR, HireDate, Salary, Commission, and Department\_No. The data is as follows:

Employee_No	Employee_Name	Job	MGR	HireDate	Salary	Commission	Department_No
7782	CLARK	MANAGER	7839	1982-06-09	2450.00	NULL	10
7839	KING	PRESIDENT	NULL	1981-11-17	5000.00	NULL	10
7934	MILLER	CLERK	7782	1981-01-23	1300.00	NULL	10
2788	SCOTT	ANALYST	7566	1987-04-19	3000.00	NULL	20
7369	SMITH	CLERK	7902	1980-12-17	800.00	NULL	20
7566	JONES	MANAGER	7839	1981-02-04	2975.00	NULL	20
7644	TURNER	SALESMAN	7698	1981-09-08	1500.00	NULL	20
7879	ADAMS	CLERK	7788	1987-05-23	1100.00	NULL	20
7902	FORD	ANALYST	7566	1981-12-03	3000.00	NULL	20
7499	ALLEN	SALESPERSON	7698	1981-02-20	1000.00	300.00	30
7521	WARD	SALESPERSON	7698	1981-02-22	1250.00	500.00	30
7654	MARTINE	SALESPERSON	7698	1981-09-28	1250.00	1400.00	30
7698	BLAKE	SALESPERSON	7839	1981-01-05	2850.00	NULL	30
7900	JAMES	SALESPERSON	7698	1981-12-03	950.00	NULL	30

The bottom status bar shows 'Object Info', 'Session', and 'employee 2'. The Windows taskbar at the very bottom shows the date and time as 4:20 PM on 1/15/2022.