

1. Add an employee with the following details: Emp_Id: 7, Emp_Name: Priya, Emp_Dep: HR, Emp_Salary: 55000

```
mysql> create table employees(Emp_Id int primary key, Emp_name varchar(100), Emp_Dep char(10), Emp_Salary int(15));
Query OK, 0 rows affected, 1 warning (0.03 sec)
```

```
mysql> desc employees
-> ;
```

Field	Type	Null	Key	Default	Extra
Emp_Id	int	NO	PRI	NULL	
Emp_name	varchar(100)	YES		NULL	
Emp_Dep	char(10)	YES		NULL	
Emp_Salary	int	YES		NULL	

```
4 rows in set (0.02 sec)
```

```
mysql> insert into employees values(7, 'Priya', 'HR', 55000);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from employees;
```

Emp_Id	Emp_name	Emp_Dep	Emp_Salary
1	Rohan	IT	50000
2	Saylee	COMP	60000
3	Radhika	EXTC	70000
4	Nilesh	IT	50000
5	Sushma	COMP	60000
6	Sagar	EXTC	70000
7	Priya	HR	55000

```
7 rows in set (0.00 sec)
```

2. Retrieve all employees who work in the IT department.

```
mysql> select * from employees where Emp_Dep = 'IT';
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      1 | Rohan    | IT      |      50000 |
|      4 | Nilesh   | IT      |      50000 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

3. Increase the salary of employees in the COMP department by 10%.

```
mysql> update employees set Emp_salary = Emp_salary + Emp_salary*0.1 where Emp_Dep = 'COMP';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from employees;
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      1 | Rohan    | IT      |      50000 |
|      2 | Saylee   | COMP    |      66000 |
|      3 | Radhika  | EXTC    |      70000 |
|      4 | Nilesh   | IT      |      50000 |
|      5 | Sushma   | COMP    |      66000 |
|      6 | Sagar    | EXTC    |      70000 |
|      7 | Priya    | HR      |      55000 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

4. Retrieve all employees whose salary is greater than or equal to 60000.

```
mysql> update employees set Emp_salary = Emp_salary + Emp_salary*0.1 where Emp_Dep = 'COMP';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from employees;
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      1 | Rohan    | IT      |      50000 |
|      2 | Saylee   | COMP    |      66000 |
|      3 | Radhika  | EXTC    |      70000 |
|      4 | Nilesh   | IT      |      50000 |
|      5 | Sushma   | COMP    |      66000 |
|      6 | Sagar    | EXTC    |      70000 |
|      7 | Priya    | HR      |      55000 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

5. Retrieve employees who work in either the IT or COMP department and have a salary greater than 50000.

```
mysql> select * from employees where emp_salary > 50000 AND (emp_dep = 'COMP' or emp_dep = 'IT');
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      2 | Saylee   | COMP    |      66000 |
|      5 | Sushma   | COMP    |      66000 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

6. Set the salary of all employees in the IT department to 55000.

```
mysql> update employees
-> set emp_salary =55000 where emp_dep = 'IT';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from employees where emp_dep = 'IT';
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      1 | Rohan    | IT      |      55000 |
|      4 | Nilesh   | IT      |      55000 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

7. Update the department of the employee with Emp_Id 3 to IT.

```
mysql> update employees
      -> set emp_dep = 'IT' where emp_id = 3;
Query OK, 1 row affected (0.04 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from employees;
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      1 | Rohan    | IT      |      55000 |
|      2 | Saylee   | COMP    |      66000 |
|      3 | Radhika  | IT      |      70000 |
|      4 | Nilesh   | IT      |      55000 |
|      5 | Sushma   | COMP    |      66000 |
|      6 | Sagar    | EXTC    |      70000 |
|      7 | Priya    | HR      |      55000 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

8. Delete all employees with a salary less than 60000

```
mysql> delete from employees
      -> where emp_salary < 60000;
Query OK, 3 rows affected (0.01 sec)

mysql> select * from employees;
+-----+-----+-----+-----+
| Emp_Id | Emp_name | Emp_Dep | Emp_Salary |
+-----+-----+-----+-----+
|      2 | Saylee   | COMP    |      66000 |
|      3 | Radhika  | IT      |      70000 |
|      5 | Sushma   | COMP    |      66000 |
|      6 | Sagar    | EXTC    |      70000 |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```