Practical no.04

```
sudo mysql
[sudo] password for student:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.36-0ubuntu0.22.04.1 (Ubuntu)
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affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input
statement.
mysql> show databases
    -> ;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| s190958555         |
| sys                |
+--------------------+
5 rows in set (0.01 sec)
mysql> use mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
mysql> show tables;
+-------------------------------------------------------+
| Tables_in_mysql                                       |
+-------------------------------------------------------+
| Employee                                              |
| STUDENT                                               |
| Student_info                                          |
| TE                                                    |
| columns_priv                                          |
| component                                             |
| db                                                    |
| default_roles                                         |
| dept                                                  |
| emp                                                   |
| employee                                              |
| engine_cost                                           |
| faculty                                               |
| func                                                  |
| general_log                                           |
| global_grants                                         |
| gtid_executed                                         |
| help_category                                         |
| help_keyword                                          |
| help_relation                                         |
| help_topic                                            |
| innodb_index_stats                                    |
| innodb_table_stats                                    |
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| money_info                                       |
| password_history                                |
| plugin                                           |
| procs_priv                                       |
| proxies_priv                                     |
| replication_asynchronous_connection_failover     |
| replication_asynchronous_connection_failover_managed |
| replication_group_configuration_version          |
| replication_group_member_actions                 |
| role_edges                                       |
| server_cost                                      |
| servers                                          |
| slave_master_info                                |
| slave_relay_log_info                             |
| slave_worker_info                                |
| slow_log                                         |
| stud                                             |
| student                                          |
| t                                                |
| tables_priv                                      |
| time_zone                                        |
| time_zone_leap_second                            |
| time_zone_name                                   |
| time_zone_transition                             |
| time_zone_transition_type                        |
| user                                             |
+--------------------------------------------------+
49 rows in set (0.01 sec)
mysql> create table Employee (emp_id int, emp_name  varchar(20), DOB  date
, emp_department varchar(30));
Query OK, 0 rows affected (0.55 sec)
mysql> desc Employee;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| emp_id         | int         | YES  |     | NULL    |       |
| emp_name       | varchar(20) | YES  |     | NULL    |       |
| DOB            | date        | YES  |     | NULL    |       |
| emp_department | varchar(30) | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
4 rows in set (0.08 sec)
mysql> alter table Employee
    -> add (Salary float);
Query OK, 0 rows affected (0.81 sec)
Records: 0  Duplicates: 0  Warnings: 0
mysql> desc Employee;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| emp_id         | int         | YES  |     | NULL    |       |
| emp_name       | varchar(20) | YES  |     | NULL    |       |
| DOB            | date        | YES  |     | NULL    |       |
| emp_department | varchar(30) | YES  |     | NULL    |       |
| Salary         | float       | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
5 rows in set (0.01 sec)
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mysql> insert into Employee values(91,"Hrutvik", '1996-05-14', "Manager",
95000);
Query OK, 1 row affected (0.07 sec)
mysql> insert into Employee values(92,"Nikita", '1998-04-01',
"CEO",5300000);
Query OK, 1 row affected (0.07 sec)
mysql> insert into Employee values(93,"Rita", '1998-11-21',
"Manager",95000);
Query OK, 1 row affected (0.06 sec)
mysql> insert into Employee values(94,"Anshul", '1997-03-16',
"Devloper",3000000);
Query OK, 1 row affected (0.08 sec)
mysql> insert into Employee values(95,"Kunal", '1999-02-19',
"Tester",120000);
Query OK, 1 row affected (0.07 sec)
mysql> insert into Employee values(96,"Meghaj", '2000-10-30',
"HR",1500000);
Query OK, 1 row affected (0.09 sec)
mysql> Select * from Employee;
+--------+----------+------------+---------------+---------+
| emp_id | emp_name | DOB        | emp_department | Salary  |
+--------+----------+------------+---------------+---------+
|     91 | Hrutvik  | 1996-05-14 | Manager       |   95000 |
|     92 | Nikita   | 1998-04-01 | CEO           | 5300000 |
|     93 | Rita     | 1998-11-21 | Manager       |   95000 |
|     94 | Anshul   | 1997-03-16 | Devloper      | 3000000 |
|     95 | Kunal    | 1999-02-19 | Tester        |  120000 |
|     96 | Meghaj   | 2000-10-30 | HR            | 1500000 |
+--------+----------+------------+---------------+---------+
6 rows in set (0.00 sec)
mysql> create table Fresher (emp_id int, emp_name  varchar(20), Joi
n_date  date , emp_department varchar(30), Salary float);
Query OK, 0 rows affected (0.43 sec)
mysql> desc Fresher;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| emp_id         | int         | YES  |     | NULL    |       |
| emp_name       | varchar(20) | YES  |     | NULL    |       |
| Join_date      | date        | YES  |     | NULL    |       |
| emp_department | varchar(30) | YES  |     | NULL    |       |
| Salary         | float       | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)
mysql> insert into Fresher values(1,"Palash", '2014-09-24', "Manage
r", 95000);
Query OK, 1 row affected (0.08 sec)
mysql> insert into Fresher values(2,"Arnavi", '2012-01-02', "CEO",
98000);
Query OK, 1 row affected (0.08 sec)
mysql> insert into Fresher values(3,"Avdoot", '2015-08-06', "HR", 990
Query OK, 1 row affected (0.11 sec)
mysql> insert into Fresher values(4,"Rutika", '2013-12-14', "CEO",
990
Query OK, 1 row affected (0.08 sec)
mysql> insert into Fresher values(5,"Rucha", '2016-07-22', "HR", 89000);
Query OK, 1 row affected (0.07 sec)
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mysql> insert into Fresher values(6,"Ansh", '2012-05-12', "Manager",
90000);
Query OK, 1 row affected (0.10 sec)
mysql> insert into Fresher values(7,"Riva", '2022-03-12', "Manager",
90000);
Query OK, 1 row affected (0.06 sec)
mysql> insert into Fresher values(8,"Hrutvik", '2022-07-14', "Manager",
95000);
Query OK, 1 row affected (0.09 sec)
mysql> Select * from Fresher;
+--------+----------+------------+----------------+--------+
| emp_id | emp_name | Join_date  | emp_department | Salary |
+--------+----------+------------+----------------+--------+
|      1 | Palash   | 2014-09-24 | Manager        |  95000 |
|      2 | Arnavi   | 2012-01-02 | CEO            |  98000 |
|      3 | Avdoot   | 2015-08-06 | HR             |  99000 |
|      4 | Rutika   | 2013-12-14 | CEO            | 990000 |
|      5 | Rucha    | 2016-07-22 | HR             |  89000 |
|      6 | Ansh     | 2012-05-12 | Manager        |  90000 |
|      7 | Riva     | 2022-03-12 | Manager        |  90000 |
|      8 | Hrutvik  | 2022-07-14 | Manager        |  95000 |
+--------+----------+------------+----------------+--------+
8 rows in set (0.00 sec)
```