

DBMS Assignment 2

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MySQL 9.1 Command Line Cli x + -
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| ram1234 |
| student_info_db |
| sys |
| world |
+-----+
7 rows in set (0.00 sec)

mysql> use student_info_db;
Database changed
mysql> select * from student_info_db
->
-> ^C
mysql> show tables;
Empty set (0.03 sec)

mysql> create table student_details (
-> id int(6) primary key,
-> Name varchar(20),
-> Address varchar(40));
Query OK, 0 rows affected, 1 warning (0.06 sec)

mysql> desc student_details;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id | int | NO | PRI | NULL | |
| Name | varchar(20) | YES | | NULL | |
| Address | varchar(40) | YES | | NULL | |
+-----+
3 rows in set (0.01 sec)

mysql> insert into student_details(id,Name,Address) values(1,Nikki,ongole),(2,Meghu,vishakapatnam),(3,Pooji,hyderabad),(
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MySQL 9.1 Command Line Cli x + v

mysql> insert into student_details(id,Name,Address) values(1,"Nikki","ongole"),(2,"Meghu","vishakapatnam"),(3,"Pooji","h
yderabad"),(4,"Sanny","secunderabad");
Query OK, 4 rows affected (0.04 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> desc student_details;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int  | NO   | PRI | NULL    |       |
| Name   | varchar(20) | YES |     | NULL    |       |
| Address | varchar(40) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from student_details;
+-----+-----+-----+
| id | Name | Address |
+-----+-----+-----+
| 1  | Nikki | ongole  |
| 2  | Meghu | vishakapatnam |
| 3  | Pooji | hyderabad |
| 4  | Sanny | secunderabad |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> create table student_marks(
-> id int(6) primary key,
-> Name varchar(20),
-> marks int(10));
Query OK, 0 rows affected, 2 warnings (0.05 sec)

mysql> desc student_marks;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int  | NO   | PRI | NULL    |       |
| Name   | varchar(20) | YES |     | NULL    |       |
| marks  | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

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MySQL 9.1 Command Line Cli x + v

mysql> insert into student_marks(id,Name,marks) values(1,"Nikki","80"),(2,"Meghu","85"),(3,"Pooji","76"),(4,"Sanny","89"
);
Query OK, 4 rows affected (0.03 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> select * from student_marks;
+-----+-----+-----+
| id | Name | marks |
+-----+-----+-----+
| 1  | Nikki | 80    |
| 2  | Meghu | 85    |
| 3  | Pooji | 76    |
| 4  | Sanny | 89    |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> create view student_view as
-> select id,Name from student_details where Address="ongole";
Query OK, 0 rows affected (0.04 sec)

mysql> select * from student_view;
+-----+-----+
| id | Name |
+-----+-----+
| 1  | Nikki |
+-----+-----+
1 row in set (0.03 sec)

mysql> create view combined_view as
-> select student_marks.marks,student_details.Name from student_marks,student_details;
Query OK, 0 rows affected (0.03 sec)

mysql> select * from combined_view;
+-----+-----+
| marks | Name |
+-----+-----+
| 89    | Nikki |
| 76    | Nikki |
| 85    | Nikki |
| 80    | Nikki |
+-----+-----+
```

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MySQL 9.1 Command Line Cli x + v
| 76 | Nikki |
| 85 | Nikki |
| 80 | Nikki |
| 89 | Meghu |
| 76 | Meghu |
| 85 | Meghu |
| 80 | Meghu |
| 89 | Pooji |
| 76 | Pooji |
| 85 | Pooji |
| 80 | Pooji |
| 89 | Sanny |
| 76 | Sanny |
| 85 | Sanny |
| 80 | Sanny |
+-----+
16 rows in set (0.00 sec)

mysql> select student_marks.marks, student_details.Name from student_marks, student_details where marks>85;
+-----+
| marks | Name |
+-----+
| 89 | Nikki |
| 89 | Meghu |
| 89 | Pooji |
| 89 | Sanny |
+-----+
4 rows in set (0.02 sec)

mysql>
mysql> .\
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