

## EX NO 7 SUBQUERY AND CORRELATED QUERY

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MySQL 8.0 Command Line Cli x + v

mysql> use sse;
Database changed
mysql> create table mentees(regno int,name char(20),dept char(10),address varchar(20),marks int,subject char(20));
Query OK, 0 rows affected (0.05 sec)

mysql> insert into mentees values(192210149,"harini","cse","chittoor",95,"dbms");
Query OK, 1 row affected (0.03 sec)

mysql> insert into mentees values(192211011,"madeena","cse","kadappa",94,"dbms");
Query OK, 1 row affected (0.03 sec)

mysql> insert into mentees values(192224094,"poojitha","ai&ds","anatapur",85,"pdsd");
Query OK, 1 row affected (0.01 sec)

mysql> insert into mentees values(192220026,"umair","bi","china",93,"bioevs");
Query OK, 1 row affected (0.03 sec)

mysql> select*from mentees;
+-----+-----+-----+-----+-----+-----+
| regno | name | dept | address | marks | subject |
+-----+-----+-----+-----+-----+-----+
| 192210149 | harini | cse | chittoor | 95 | dbms |
| 192211011 | madeena | cse | kadappa | 94 | dbms |
| 192224094 | poojitha | ai&ds | anatapur | 85 | pdsd |
| 192220026 | umair | bi | china | 93 | bioevs |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select regno,name from mentees where name IN(select name from mentees where dept="cse");
+-----+-----+
| regno | name |
+-----+-----+
| 192210149 | harini |
| 192211011 | madeena |
+-----+-----+
2 rows in set (0.03 sec)

mysql> create table mentees1(id int,name char(20));
Query OK, 0 rows affected (0.04 sec)
```

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mysql> select regno,name from mentees where name IN(select name from mentees where dept="cse");
+-----+-----+
| regno | name |
+-----+-----+
| 192210149 | harini |
| 192211011 | madeena |
+-----+-----+
2 rows in set (0.03 sec)

mysql> create table mentees1(id int,name char(20));
Query OK, 0 rows affected (0.04 sec)

mysql> insert into mentees1(id,name)
-> select regno,name
-> from mentees where dept="cse";
Query OK, 2 rows affected (0.03 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> select *from mentees1;
+-----+-----+
| id | name |
+-----+-----+
| 192210149 | harini |
| 192211011 | madeena |
+-----+-----+
2 rows in set (0.00 sec)

mysql> select regno,(select name from mentees1 where id=192210149)as name,dept,address,marks,subject from mentees where regno=192210149;
+-----+-----+-----+-----+-----+-----+
| regno | name | dept | address | marks | subject |
+-----+-----+-----+-----+-----+-----+
| 192210149 | harini | cse | chittoor | 95 | dbms |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.03 sec)

mysql>
```