**Assignment 2(b)**

**DML commands**

Microsoft Windows [Version 10.0.22631.4602]

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C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -h localhost -u root -p

Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 71

Server version: 9.3.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use inventory;

Database changed

mysql> desc product;

+-------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+-------------+------+-----+---------+-------+

| pid | int | NO | PRI | NULL | |

| pname | varchar(20) | YES | | NULL | |

| price | float | YES | | NULL | |

+-------+-------------+------+-----+---------+-------+

3 rows in set (0.278 sec)

mysql> desc sale;

+-------+------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+------+------+-----+---------+-------+

| sid | int | YES | | NULL | |

| pid | int | YES | MUL | NULL | |

| qty | int | YES | | NULL | |

+-------+------+------+-----+---------+-------+

3 rows in set (0.044 sec)

mysql> desc supplier;

+---------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+-------------+------+-----+---------+-------+

| suppid | int | NO | PRI | NULL | |

| sname | varchar(30) | YES | | NULL | |

| address | varchar(30) | YES | | NULL | |

| email | varchar(50) | YES | | NULL | |

+---------+-------------+------+-----+---------+-------+

4 rows in set (0.162 sec)

mysql> alter table supplier alter suppid set default 5;

Query OK, 0 rows affected (0.335 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

+---------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+-------------+------+-----+---------+-------+

| suppid | int | NO | PRI | 5 | |

| sname | varchar(30) | YES | | NULL | |

| address | varchar(30) | YES | | NULL | |

| email | varchar(50) | YES | | NULL | |

+---------+-------------+------+-----+---------+-------+

4 rows in set (0.031 sec)

mysql> alter table supplier modify column sname varchar(100) not null;

Query OK, 0 rows affected (0.728 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

+---------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+--------------+------+-----+---------+-------+

| suppid | int | NO | PRI | 5 | |

| sname | varchar(100) | NO | | NULL | |

| address | varchar(30) | YES | | NULL | |

| email | varchar(50) | YES | | NULL | |

+---------+--------------+------+-----+---------+-------+

4 rows in set (0.032 sec)

mysql> alter table address add constraint unique\_address unique(address);

ERROR 1146 (42S02): Table 'inventory.address' doesn't exist

mysql> alter table supplier add constraint unique\_address unique(address);

Query OK, 0 rows affected (0.438 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

+---------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+--------------+------+-----+---------+-------+

| suppid | int | NO | PRI | 5 | |

| sname | varchar(100) | NO | | NULL | |

| address | varchar(30) | YES | UNI | NULL | |

| email | varchar(50) | YES | | NULL | |

+---------+--------------+------+-----+---------+-------+

4 rows in set (0.030 sec)

mysql> insert into supplier(suppid,sname)values(978,'PRIYA');

Query OK, 1 row affected (0.259 sec)

mysql> desc supplier;

+---------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+--------------+------+-----+---------+-------+

| suppid | int | NO | PRI | 5 | |

| sname | varchar(100) | NO | | NULL | |

| address | varchar(30) | YES | UNI | NULL | |

| email | varchar(50) | YES | | NULL | |

+---------+--------------+------+-----+---------+-------+

4 rows in set (0.032 sec)

mysql> insert into sales(sid,pid) values (100,458);

ERROR 1146 (42S02): Table 'inventory.sales' doesn't exist

mysql> insert into sale(sid,pid) values (100,458);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sale`, CONSTRAINT `sale\_ibfk\_1` FOREIGN KEY (`pid`) REFERENCES `product` (`pid`))

mysql> insert into product(pid) values(104);

Query OK, 1 row affected (0.207 sec)

mysql> delete from product where pid=104;

Query OK, 1 row affected (0.224 sec)

mysql> insert into sale(sid,pid) values (100,458);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sale`, CONSTRAINT `sale\_ibfk\_1` FOREIGN KEY (`pid`) REFERENCES `product` (`pid`))

mysql>