**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_8.**

MariaDB [(none)]> use slip\_8;

Database changed

MariaDB [slip\_8]> create table machine(m\_no int primary key,m\_name varchar(20) not null,m\_type varchar(10),m\_cost float);

Query OK, 0 rows affected (0.214 sec)

MariaDB [slip\_8]> create table part(p\_no int primary key,p\_name varchar(10),p\_desc varchar(10),m\_no int,foreign key(m\_no) references machine(m\_no));

Query OK, 0 rows affected (0.215 sec)

MariaDB [slip\_8]> desc part;

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

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

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

| p\_no | int(11) | NO | PRI | NULL | |

| p\_name | varchar(10) | YES | | NULL | |

| p\_desc | varchar(10) | YES | | NULL | |

| m\_no | int(11) | YES | MUL | NULL | |

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

4 rows in set (0.014 sec)

MariaDB [slip\_8]> desc machine;

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

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

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

| m\_no | int(11) | NO | PRI | NULL | |

| m\_name | varchar(20) | NO | | NULL | |

| m\_type | varchar(10) | YES | | NULL | |

| m\_cost | float | YES | | NULL | |

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

4 rows in set (0.018 sec)

MariaDB [slip\_8]> insert into machine values(1001,'ball\_bearing','A',500);

Query OK, 1 row affected (0.055 sec)

MariaDB [slip\_8]> insert into machine values(1002,'aaa','B',600);

Query OK, 1 row affected (0.043 sec)

MariaDB [slip\_8]> insert into machine values(1003,'bbb','C',6520);

Query OK, 1 row affected (0.047 sec)

MariaDB [slip\_8]> select \* from machine;

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

| m\_no | m\_name | m\_type | m\_cost |

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

| 1001 | ball\_bearing | A | 500 |

| 1002 | aaa | B | 600 |

| 1003 | bbb | C | 6520 |

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

3 rows in set (0.000 sec)

MariaDB [slip\_8]> desc part;

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

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

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

| p\_no | int(11) | NO | PRI | NULL | |

| p\_name | varchar(10) | YES | | NULL | |

| p\_desc | varchar(10) | YES | | NULL | |

| m\_no | int(11) | YES | MUL | NULL | |

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

4 rows in set (0.013 sec)

MariaDB [slip\_8]> insert into part values(501,'qqq','www',1001);

Query OK, 1 row affected (0.050 sec)

MariaDB [slip\_8]> insert into part values(502,'aaa','eee',1002);

Query OK, 1 row affected (0.061 sec)

MariaDB [slip\_8]> insert into part values(503,'hhh','ggg',1003);

Query OK, 1 row affected (0.038 sec)

MariaDB [slip\_8]> insert into part values(504,'mmm','nnn',1001);

Query OK, 1 row affected (0.051 sec)

MariaDB [slip\_8]> insert into part values(505,'ccc','ooo',1002);

Query OK, 1 row affected (0.074 sec)

MariaDB [slip\_8]> select \* from part;

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

| p\_no | p\_name | p\_desc | m\_no |

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

| 501 | qqq | www | 1001 |

| 502 | aaa | eee | 1002 |

| 503 | hhh | ggg | 1003 |

| 504 | mmm | nnn | 1001 |

| 505 | ccc | ooo | 1002 |

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

5 rows in set (0.000 sec)

MariaDB [slip\_8]>