**NAME : Sushant Rokade**

**ROLL NO: 65 BATCH : T4**

**EXPERIMENT NO.2**

svkm@svkm-HP-200-G3-AiO:~$ sudo mysql

[sudo] password for svkm:

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

Your MySQL connection id is 8

Server version: 8.0.28-0ubuntu0.20.04.3 (Ubuntu)

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owners.

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

mysql> show database;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'database' at line 1

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| sys |

| tyit |

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

5 rows in set (0.03 sec)

mysql> create database btech;

Query OK, 1 row affected (0.08 sec)

mysql> use btech;

Database changed

mysql> drop database btech;

Query OK, 0 rows affected (0.11 sec)

mysql> create database btech;

Query OK, 1 row affected (0.14 sec)

mysql> use btech;

Database changed

mysql> create table student (roll\_no int, name char(20), marks char(20));

Query OK, 0 rows affected (0.43 sec)

mysql> describe student;

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

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

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

| roll\_no | int | YES | | NULL | |

| name | char(20) | YES | | NULL | |

| marks | char(20) | YES | | NULL | |

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

3 rows in set (0.01 sec)

mysql> alter table student add age int after marks;

Query OK, 0 rows affected (0.36 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> describe student;

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

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

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

| roll\_no | int | YES | | NULL | |

| name | char(20) | YES | | NULL | |

| marks | char(20) | YES | | NULL | |

| age | int | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table student add address char after age, add mobile int after address;

Query OK, 0 rows affected (0.29 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> describe student;

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

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

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

| roll\_no | int | YES | | NULL | |

| name | char(20) | YES | | NULL | |

| marks | char(20) | YES | | NULL | |

| age | int | YES | | NULL | |

| address | char(1) | YES | | NULL | |

| mobile | int | YES | | NULL | |

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

6 rows in set (0.00 sec)

mysql> alter table student modify name varchar(20) after roll\_no;

Query OK, 0 rows affected (1.93 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> describe student;

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

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

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

| roll\_no | int | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| marks | char(20) | YES | | NULL | |

| age | int | YES | | NULL | |

| address | char(1) | YES | | NULL | |

| mobile | int | YES | | NULL | |

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

6 rows in set (0.00 sec)

mysql> alter table student modify address varchar(20) after age, modify mobile varchar(20) after address;

Query OK, 0 rows affected (0.90 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> describe student;

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

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

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

| roll\_no | int | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| marks | char(20) | YES | | NULL | |

| age | int | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

| mobile | varchar(20) | YES | | NULL | |

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

6 rows in set (0.00 sec)