NAME: Shubham Pawar

ROLL\_NO : 23 BATCH : T2

EXPERIMENT NO.4

mysql> show databases;

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

| Database |

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

| btech |

| dbms |

| demoprocedure |

| information\_schema |

| my |

| mysql |

| name\_database |

| performance\_schema |

| priya |

| sample |

| stock |

| student |

| sys |

| tydbms |

| university |

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

15 rows in set (0.03 sec)

mysql> use demoprocedure;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> select \* from stock;

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

| stock\_no | item | quantity\_available |

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

| 1 | pen | 23 |

| 2 | books | 7 |

| 3 | pencils | 4 |

| 4 | stationary | 15 |

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

4 rows in set (0.00 sec)

mysql> delimiter @@

mysql> create procedure check\_stock()

-> begin

-> declare SNO int;

-> declare item varchar(20);

-> declare QA int;

-> declare done int default false;

-> declare CS cursor for select \* from stock;

-> declare continue handler for not found set done = true;

-> create temporary table stockcheck(stock\_no int, item varchar(20), quantity\_available int);

-> open CS;

-> read\_loop: loop

-> fetch CS into SNO, item, QA;

-> if done then

-> leave read\_loop;

-> end if;

-> if QA<10 then

-> insert into stockcheck values(SNO, item, QA);

-> end if;

-> end loop;

-> close CS;

-> if not exists(select \* from stockcheck) then

-> select 'Enough stock for all items' as message;

-> else

-> select \* from stockcheck;

-> end if;

-> end @@

Query OK, 0 rows affected (0.12 sec)

mysql> call check\_stock();

-> @@

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

| stock\_no | item | quantity\_available |

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

| 2 | books | 7 |

| 3 | pencils | 4 |

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

2 rows in set (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

mysql> drop procedure check\_stock;

-> @@

Query OK, 0 rows affected (0.09 sec)