**Assignment No. 7**

mysql> create database Ashoka;

Query OK, 1 row affected (0.12 sec)

mysql> use Ashoka

Database changed

mysql> create table borrower(Rollno int, Name varchar(30), Idate date, Bookname varchar(50));

Query OK, 0 rows affected (0.82 sec)

mysql> insert into borrower values(1,'Aditya','2023-06-23','BasicPython');

Query OK, 1 row affected (0.06 sec)

mysql> insert into borrower values(22, 'Dhiraj','2023-12-29','WebDev');

Query OK, 1 row affected (0.06 sec)

mysql> insert into borrower values(26, 'Siddhesh', '2024-03-13','CyberSecurity');

Query OK, 1 row affected (0.06 sec)

mysql> insert into borrower values(54, 'Shravani','2023-08-25','BackendInSQL');

Query OK, 1 row affected (0.09 sec)

mysql> insert into borrower values(59, 'Sural','2024-01-21','NodeJS');

Query OK, 1 row affected (0.05 sec)

mysql> select \* from borrower;

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

| Rollno | Name | Idate | Bookname |

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

| 1 | Aditya | 2023-06-23 | BasicPython |

| 22 | Dhiraj | 2023-12-29 | WebDev |

| 26 | Siddhesh | 2024-03-13 | CyberSecurity |

| 54 | Shravani | 2023-08-25 | BackendInSQL |

| 59 | Sural | 2024-01-21 | NodeJS |

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

5 rows in set (0.00 sec)

mysql> delimiter //

mysql> create trigger library1 after insert on borrower for each row

-> begin

-> insert into audit values(new.Rollno, new.Name, new.Idate, new.Bookname);

-> end;

-> //

Query OK, 0 rows affected (0.09 sec)

mysql> insert into borrower values(61,'Ashoka','2024-10-12','HindustaniClassical');

-> //

Query OK, 1 row affected (0.17 sec)

mysql> select \* from borrower;

-> //

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

| Rollno | Name | Idate | Bookname |

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

| 1 | Aditya | 2023-06-23 | BasicPython |

| 22 | Dhiraj | 2023-12-29 | WebDev |

| 26 | Siddhesh | 2024-03-13 | CyberSecurity |

| 54 | Shravani | 2023-08-25 | BackendInSQL |

| 59 | Sural | 2024-01-21 | NodeJS |

| 61 | Ashoka | 2024-10-12 | HindustaniClassical |

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

6 rows in set (0.00 sec)

mysql> select \* from audit;

-> //

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

| Rollno | Name | Idate | Bookname |

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

| 61 | Ashoka | 2024-10-12 | HindustaniClassical |

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

2 rows in set (0.00 sec)

mysql> delimiter //

mysql> create trigger library2 after insert on borrower for each row

-> begin

-> insert into audit values(new.Rollno, new.Name, new.Idate, new.Bookname);

-> end;

-> //

Query OK, 0 rows affected (0.01 sec)

mysql> update borrower set Rollno=65, Bookname='CineSangeet' where Name='Ashoka';

-> //

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from borrower;

-> //

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

| Rollno | Name | Idate | Bookname |

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

| 1 | Aditya | 2023-06-23 | BasicPython |

| 22 | Dhiraj | 2023-12-29 | WebDev |

| 26 | Siddhesh | 2024-03-13 | CyberSecurity |

| 54 | Shravani | 2023-08-25 | BackendInSQL |

| 59 | Sural | 2024-01-21 | NodeJS |

| 65 | Ashoka | 2024-10-12 | CineSangeet |

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

6 rows in set (0.00 sec)