Experiment No: 01

Experiment Name: Write SQL Queries to Create a Table and Insert Data Into It.

SQL Queries:

1. create table student(ID int(2), Name varchar(15), Age int(5), Address varchar(20));
2. insert into student(ID, Name, Age, Address) values(‘1’, ‘Masud’, ‘22’, ‘ Rajshahi’);

Delete Operation:

1. truncate table student;
2. delete from student where ID=’1’;
3. drop table student;

Adding a Column:

1. alter table student add Department varchar(10);

Deleting a Column:

1. alter table student drop Department;

Changing Name of a Column:

1. alter table student change ID SID int(2);

Changing Data type of a Column:

1. alter table student modify Age varchar(5);

Rename a Table:

1. rename table student to student\_info;

Experiment No: 07

Experiment Name: Create Table and Before Insert data into it using Trigger.

SQL Queries:

1. create table student(ID int(2), Name varchar(15), Age int(5), Adult varchar(5));

Create Trigger:

delimiter /

create trigger insertion before insert

* on student
* for each row
* begin
* if new.Age > 18 then
* set new.Adult = 'YES';
* else
* set new.Adult = 'NO';
* end if ;
* end /

1. insert into student(ID, Name, Age)values(‘1’,’Masud Rana’,’22’) /
2. select \* from student /