create schema “priyanka\_sql”;

CREATE TABLE `stud\_sheet` (   `s\_rollno` int NOT NULL,   `stud\_name` varchar(45) NOT NULL,   `stud\_branch` varchar(20) NOT NULL,   `stud\_mentor` varchar(20) NOT NULL,   `u\_id` int DEFAULT NULL,   PRIMARY KEY (`s\_rollno`),   KEY `u\_id\_idx` (`u\_id`),   CONSTRAINT `u\_id` FOREIGN KEY (`u\_id`) REFERENCES `restaurant` (`R\_id`) );

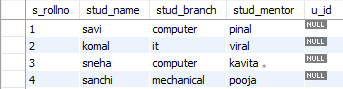
INSERT INTO `priyanka\_sql`.`stud\_sheet` (`s\_rollno`, `stud\_name`, `stud\_branch`, `stud\_mentor`) VALUES ('1', 'savi', 'computer', 'pinal');

INSERT INTO `priyanka\_sql`.`stud\_sheet` (`s\_rollno`, `stud\_name`, `stud\_branch`, `stud\_mentor`) VALUES ('2', 'komal',’it', 'viral');

INSERT INTO `priyanka\_sql`.`stud\_sheet` (`s\_rollno`, `stud\_name`, `stud\_branch`, `stud\_mentor`) VALUES ('3', 'sneha', 'computer', 'kavita');

INSERT INTO `priyanka\_sql`.`stud\_sheet` (`s\_rollno`, `stud\_name`, `stud\_branch`, `stud\_mentor`) VALUES ('4', 'sanchi', 'mechanical', 'pooja');

select \* from priyanka\_sql.stu\_sheet;



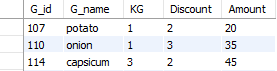
CREATE TABLE `grocery` (   `G\_id` int NOT NULL,   `G\_name` varchar(45) NOT NULL,   `KG` int DEFAULT NULL,   `Discount` decimal(3,0) DEFAULT NULL,   `Amount` decimal(10,0) DEFAULT NULL,   PRIMARY KEY (`G\_id`) ) ;

INSERT INTO `priyanka\_sql`.`grocery` (`G\_id`, `G\_name`, `KG`, `Discount`, `Amount`) VALUES ('107', 'potato', '1', '2', '20');

INSERT INTO `priyanka\_sql`.`grocery` (`G\_id`, `G\_name`, `KG`, `Discount`, `Amount`) VALUES ('110', 'onion', '1', '3', 35');

INSERT INTO `priyanka\_sql`.`grocery` (`G\_id`, `G\_name`, `KG`, `Discount`, `Amount`) VALUES ('114', 'capsicum', '3', '2', '45’);

select \* from priyanka\_sql.grocery;



CREATE TABLE `myntrahaul` (   `cust\_id` int NOT NULL,   `cust\_name` varchar(45) NOT NULL DEFAULT 'customer\_name',   `Clothing\_section` varchar(45) NOT NULL,   `amount` decimal(10,0) NOT NULL,   PRIMARY KEY (`cust\_id`));

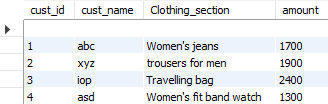
INSERT INTO `priyanka\_sql`.`myntrahaul` (`cust\_id`, `cust\_name`, `Clothing\_section`, `amount`) VALUES ('1', 'abc', 'women’s jeans’, '1700');

INSERT INTO `priyanka\_sql`.`myntrahaul` (`cust\_id`, `cust\_name`, `Clothing\_section`, `amount`) VALUES ('2', 'xyz', 'trousers for men’, '1900');

INSERT INTO `priyanka\_sql`.`myntrahaul` (`cust\_id`, `cust\_name`, `Clothing\_section`, `amount`) VALUES ('3', 'iop', 'travelling bag’, '2400');

INSERT INTO `priyanka\_sql`.`myntrahaul` (`cust\_id`, `cust\_name`, `Clothing\_section`, `amount`) VALUES ('4', 'asd', 'women’s fitband watch’, '1300');

select \* from priyanka\_sql.myntrahaul;



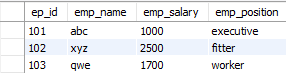
CREATE TABLE `employee` (   `ep\_id` int NOT NULL,   `emp\_name` varchar(25) NOT NULL,   `emp\_salary` decimal(10,0) NOT NULL,   `emp\_position` varchar(20) DEFAULT NULL,   PRIMARY KEY (`ep\_id`) );

INSERT INTO `priyanka\_sql`.`employee` (`ep\_id`, `emp\_name`, `emp\_salary`, `emp\_position`) VALUES ('101', 'abc', '1000', 'executive');

INSERT INTO `priyanka\_sql`.`employee` (`ep\_id`, `emp\_name`, `emp\_salary`, `emp\_position`) VALUES ('102', 'xyz', '2500', 'fitter');

INSERT INTO `priyanka\_sql`.`employee` (`ep\_id`, `emp\_name`, `emp\_salary`, `emp\_position`) VALUES ('103', 'qwe', '1700', 'worker’);

select \* from priyanka\_sql.employee;



CREATE TABLE `restaurant` (   `R\_id` int NOT NULL,   `Service` varchar(10) NOT NULL,   `Food\_name` varchar(45) NOT NULL,   `Food\_quantity` int NOT NULL,   `Amount` decimal(10,0) NOT NULL,   `u\_id` int NOT NULL,   PRIMARY KEY (`R\_id`,`u\_id`) );

INSERT INTO `priyanka\_sql`.`restaurant` (`R\_id`, `Service`, `Food\_name`, `Food\_quantity`, `Amount`, `u\_id`) VALUES ('601', 'takeaway', 'momos', '2', '60', '2');

INSERT INTO `priyanka\_sql`.`restaurant` (`R\_id`, `Service`, `Food\_name`, `Food\_quantity`, `Amount`, `u\_id`) VALUES ('602', 'dine-in', 'paneer tikka', '3', '330', '3');

INSERT INTO `priyanka\_sql`.`restaurant` (`R\_id`, `Service`, `Food\_name`, `Food\_quantity`, `Amount`, `u\_id`) VALUES ('625', 'takeaway', 'ice-cream', '6', '300', '5');

INSERT INTO `priyanka\_sql`.`restaurant` (`R\_id`, `Service`, `Food\_name`, `Food\_quantity`, `Amount`, `u\_id`) VALUES ('635', 'dine-in', ‘pav bhaji', '2', '60', '4');

select \* from priyanka\_sql.restaurant;



**Query to add primary key**

ALTER TABLE `priyanka\_sql`.`restaurant`

ADD PRIMARY KEY (`R\_id`);

**Query to add foreign key**

ALTER TABLE `priyanka\_sql`.`restaurant`

ADD FOREIGN KEY (‘u\_id’) REFERENCES stud\_sheet(‘u\_id’);

ALTER TABLE `priyanka\_sql`.`grocery`

ADD PRIMARY KEY (‘g\_id’,’G\_name);

**Query to change column name**

ALTER TABLE `priyanka\_sql`.`grocery`

CHANGE COLUMN `Amount` `G\_Amount` DECIMAL(10,0) NULL DEFAULT NULL ;

**Query to add index on a cloumn**

ALTER TABLE ` priyanka\_sql`.`grocery ` ADD INDEX `grocery\_index` (`g\_id`);

**Query to add unique constraints**

ALTER TABLE `priyanka\_sql`.`employee`

ADD UNIQUE INDEX `emp\_name\_UNIQUE` (`emp\_name` ASC) VISIBLE;

**Inert multiple records at a time along with duplicate values**

INSERT IGNORE INTO `priyanka\_sql`.`stu\_sheet` (stu\_branch, stu\_mentor) VALUES( 'it', 'vrunda');