# 1. Create Database:

Show query box

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0016 seconds.)
CREATE DATABASE sumaiya_23303038;
```

# 2. CREATE TABLE:

```
Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0141 seconds.)

CREATE TABLE COURSE ( c_id int PRIMARY KEY, c_name varchar(255), credit_h int, CHECK (credit_h >= 1) );

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0191 seconds.)

CREATE TABLE STUDENT ( s_id int PRIMARY KEY, s_name varchar(255), Dept varchar(255), c_id int, FOREIGN KEY (c_id) REFERENCES COURSE(c_id) );

[Edit inline] [Edit] [Create PHP code]
```

## 3. Insert value:

```
Show query box

$\sqrt{5}$ fows inserted. (Query took 0.0040 seconds.)

INSERT INTO `course`(`c_id`, `c_name`, `credit_h`) VALUES (101, 'CSC',4),(102, 'ENG',3),(103, 'MATH',2),(104, 'DSA',4),(105, 'FEDS',1);

Show query box

$\sqrt{5}$ fows inserted. (Query took 0.0049 seconds.)

INSERT INTO `student'(`s_id', `s_name', `Dept', `c_id') VALUES (1, 'SUMAIYA', 'CSE',101), (2, 'MAYA', 'CSE',102), (3, 'SINTHIYA', 'BBA',103), (4, 'TAMANNA', 'EEE',102), (5, 'SRITI', 'AGRI',105);

[Edit Inline] [Edit] [Create PHP code]
```

# **OUTPUT:**





# **ALTER TABLE STATEMENT:**

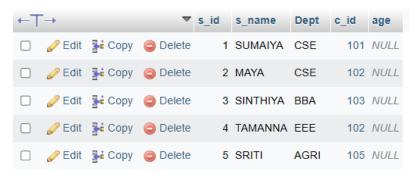
## 1. ADD COLUMN:

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0082 seconds.)

ALTER TABLE student ADD age int;

## **OUTPUT:**



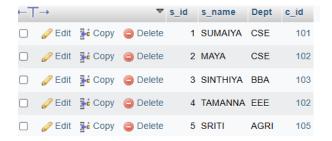
# 2. DROP COLUMN:

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0189 seconds.)

ALTER TABLE student DROP COLUMN age;

#### **OUTPUT:**



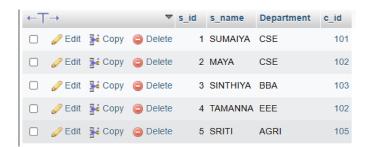
### 3. RENAME COLUMN:

```
Show query box

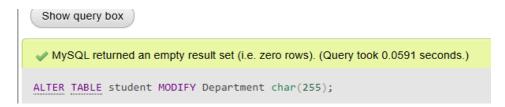
WySQL returned an empty result set (i.e. zero rows). (Query took 0.0055 seconds.)

ALTER TABLE student CHANGE Dept Department varchar(255);
```

# **OUTPUT:**



# 4. Modify Datatype:



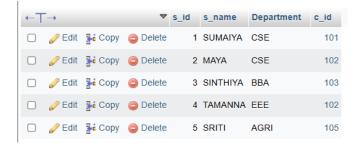
#### **SELECT STATEMENT:**

```
Show query box

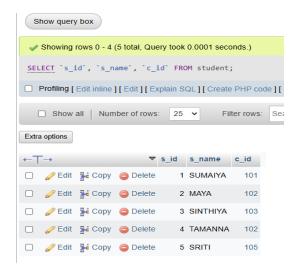
Showing rows 0 - 4 (5 total, Query took 0.0001 seconds.)

SELECT * FROM `student`;
```

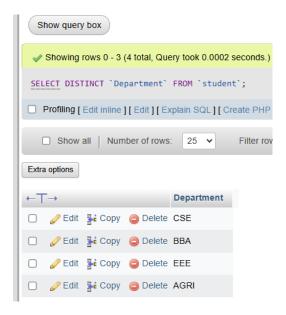
### **OUTPUT:**



# 1. SELECT SPECIFIC COLUMN:



#### 2. SELECT DISTINCT STATEMENT:



## 3. COUNT DISTINCT STATEMENT:



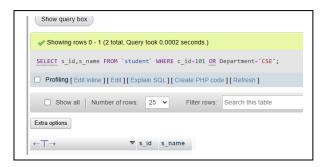
#### 4. WHERE STATEMENT:



#### 5. AND OPARETOR:



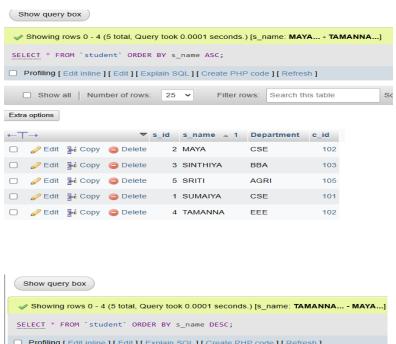
#### 6. OR OPERATOR:

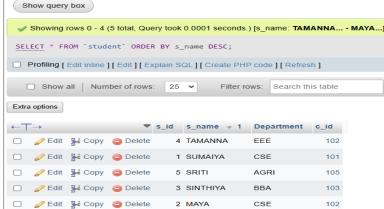


## 7. NOT OPERATOR:

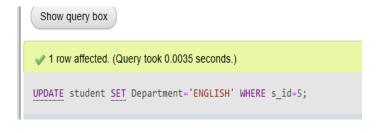


#### 8. ORDER BY:





#### **UPDATE STATEMENT:**





# MAX/MIN/SUM/AVG:



