# **Bangladesh University of Business and Technology**



## **LAB REPORT**

**Experiment Date:** 

Experiment No : 01

Course Title : Database System

Course Code : CSE 208

**Experiment Name:** Student Table

# **Submitted By:**

Name: Md. Shakib khan Anoy

**ID No:** 20244203066

Intake: 47

Section:2

Program: B.Sc. in CSE

## **Submitted To:**

Name: Zobaer Al Khalil Zihad

(Lecturer)

Dept. of CSE

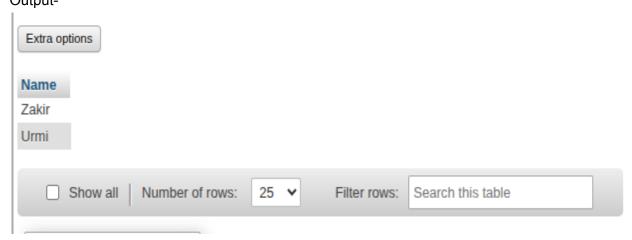
Bangladesh University of Business & Technology

### **Date of Submission:**

#### 1. Find the names of all students whose CGPA is greater than 30.

Ans:

Code- SELECT Name FROM student WHERE CGPA > 3.50; Output-



#### 2. Add a Student information randomly with the name "Alif".

Ans

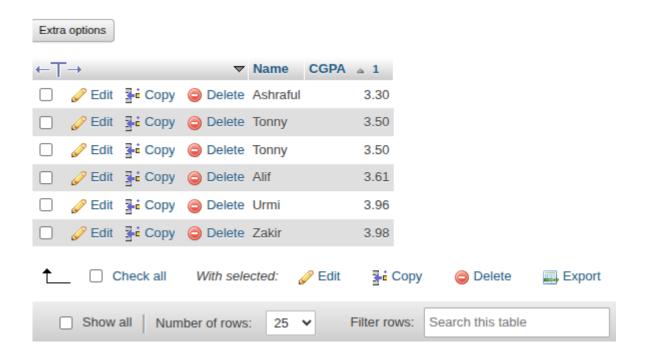
Code - INSERT INTO student VALUES("Alif",6,106,44,2,3.61); Output -



#### 3.Find the name and CGPA of each student order by their CGPA(Ascending order)

Ans:-

Code:- SELECT Name, CGPA FROM student ORDER BY CGPA ASC;
Output:-



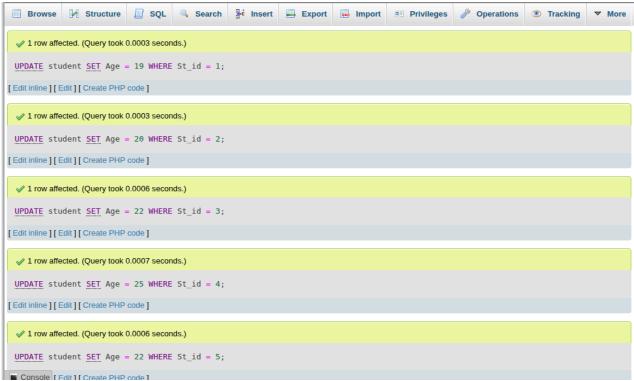
#### 4.Add a column names age in the student relation and update age for all the students.

Ans:-

Code:- ALTER TABLE student ADD COLUMN Age int; Output:-



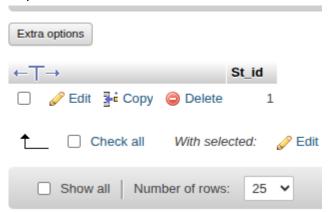
```
-UPDATE student SET Age = 19 WHERE St_id = 1;
UPDATE student SET Age = 20 WHERE St_id = 2;
UPDATE student SET Age = 22 WHERE St_id = 3;
UPDATE student SET Age = 25 WHERE St_id = 4;
UPDATE student SET Age = 22 WHERE St_id = 5;
UPDATE student SET Age = 20 WHERE St_id = 6;
```



## 5. Find the id of all those students who are from 44 intake or CGPA is less than 3.40

Ans:

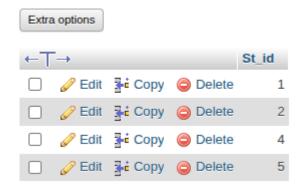
Code:-SELECT St\_id FROM student WHERE Intake = 44 AND CGPA < 3.40; Output:-



#### 6. Find the Id of all those students whose CGPA is 3.30 or 3.50 or 3.96.

Ans:-

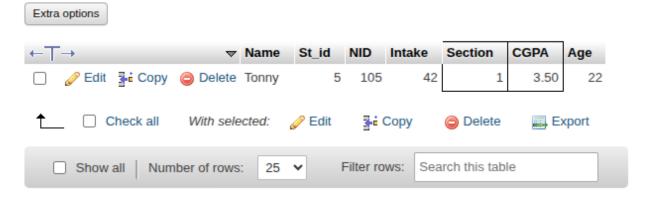
Code:- SELECT St\_id FROM student WHERE CGPA IN (3.30,3.50,3.96); Output:-



#### 7. Find the students from section 1 with the cgpa greater than 3.40.

Ans:

Code:- SELECT \* FROM student WHERE Section = 1 AND CGPA > 3.40; Output:-



# 8. Find the name of all students whose age is greater than 22 and CGPA is greater than 3.50.

Ans:-

Code:- SELECT Name FROM student WHERE Age >22 AND CGPA > 3.50; Output:-

