***LAB 1 ANSWER***

**1)** Create Database BUBT\_DB;

**2)** For Student table,

Create Table Student(Name varchar (20),Id int (20),Intake int (20),Section int(20),CGPA float (3.2));

* Insert INTO Student VALUES(‘Ashraful’,1,44,1,3.30);

[insert all rows]

**For Course table,**

Create Table Course(Course\_Title varchar (20),Course code varchar (20));

* Insert INTO Course VALUES(‘Database System’,’CSE 207’);

[insert all rows]

**For Faculty table,**

Create Table Faculty(Name varchar (20),Short\_code varchar (20),Course\_code varchar(20),Conduct\_semester varchar(20));

* Insert INTO Faculty VALUES(‘Farha Akter Munmun’,’FAM’,’CSE 319’,’Summer 2019);

[insert all rows]

**3)**

***a.Ans:*** Update Faculty set Short\_code = ‘NAR’ WHERE Course\_code = ‘CSE 351’;

***b.Ans:*** Update Course set Course\_code = ‘CSE 208’ WHERE Course\_ Title = ‘System Analysis Design’;

***c.Ans:*** Update Faculty set Conduct\_Semester = ‘Fall 19\_20’ WHERE Course\_Code = ‘CSE 351’;

***d.Ans:*** Alter TABLE Student ADD column Age int(20);

***e.Ans:*** Update Student set Age=22 WHERE ID=1;

[Update all rows]

***f.Ans:*** Select Course\_Title FROM Course;

***g.Ans:*** Select Name FROM faculty where Conduct\_semester = ‘Summer 2019’;

***h.Ans:*** Select ID FROM Student where CGPA > 3.50;