My Sql Test By Ameer Ali Jamali

Batch-Code 2201D

CREATE DATABASE Ameer\_ali\_2201d

CREATE TABLE `students` (

Id INT AUTO\_INCREMENT PRIMARY KEY,

Name VARCHAR(55) NOT NULL,

City VARCHAR(55) NOT NULL ,

Age INT(2) NOT NULL ,

Phone BIGINT(15) NOT NULL,

Email VARCHAR(55) NOT NULL,

Grade VARCHAR(55) NOT NULL,

Gender VARCHAR(55) NOT NULL,

Education VARCHAR(55) NOT NULL,

Course INT(11) NOT NULL,

FOREIGN KEY (Course) REFERENCES courses (Cid)

);

INSERT INTO `students`(`Name`, `City`, `Age`, `Phone`, `Email`, `Grade`, `Education`,`Gender`,`course`) VALUES

('Ahsan','Karachi',22,92349809808,'Jajhjgh@gmail.com','A','12th','Male',1),

('Junaid','Hyderabad',17,92349892783,'hjhkhjd3@gmail.com','A1','12th','Male',3),

('Amjad','Karachi',16,92349823423,'kauu7678a@gmail.com','B','12th','Male',2),

('Hussain','Dadu',21,923332423432,'lghfhg67576@gmail.com','A1','12th','Male',1),

('Kamal','jamshoro',22,923276576532,'aghfhgf556@gmail.com','A','12th','Male',4),

('Majid','Karachi',25,92328797987,'ljhgafy5@gmail.com','C','12th','Male',2),

('Wassem','Lahore',18,92389798798,'ohgjg767567@gmail.com','B','12th','Male',2),

('Ajmal','Punjab',18,92387979738,'kkjlj767868@gmail.com','B','12th','Male',1),

('Hameed','Karachi',23,923379879792,'ytyutuyt765@gmail.com','A','12th','Male',2)

CREATE TABLE Ameer\_Ali (

id INT AUTO\_INCREMENT PRIMARY KEY

);

INSERT INTO `students`(`Name`, `City`, `Age`, `Phone`, `Email`, `Grade`, `Education`,`Gender`,`course`) VALUES

('Ahsan','Karachi',22,92349809808,'Jajhjgh@gmail.com','A','12th','Male',1),

('Junaid','Hyderabad',17,92349892783,'hjhkhjd3@gmail.com','A1','12th','Male',3),

('Amjad','Karachi',16,92349823423,'kauu7678a@gmail.com','B','12th','Male',2),

('Hussain','Dadu',21,923332423432,'lghfhg67576@gmail.com','A1','12th','Male',1),

('Kamal','jamshoro',22,923276576532,'aghfhgf556@gmail.com','A','12th','Male',4),

('Majid','Karachi',25,92328797987,'ljhgafy5@gmail.com','C','12th','Male',2),

('Wassem','Lahore',18,92389798798,'ohgjg767567@gmail.com','B','12th','Male',2),

('Ajmal','Punjab',18,92387979738,'kkjlj767868@gmail.com','B','12th','Male',1),

('Hameed','Karachi',23,923379879792,'ytyutuyt765@gmail.com','A','12th','Male',2),

('Junaid','Hyderabad',17,92349892783,'hjhkhjd3@gmail.com','A1','12th','Male',3),

('Amjad','Karachi',16,92349823423,'kauu7678a@gmail.com','B','12th','Male',2),

('Hussain','Dadu',21,923332423432,'lghfhg67576@gmail.com','A1','12th','Male',1),

('Kamal','jamshoro',22,923276576532,'aghfhgf556@gmail.com','A','12th','Male',4),

('Majid','Karachi',25,92328797987,'ljhgafy5@gmail.com','C','12th','Male',2),

('Wassem','Lahore',18,92389798798,'ohgjg767567@gmail.com','B','12th','Male',2),

('Ajmal','Punjab',18,92387979738,'kkjlj767868@gmail.com','B','12th','Male',1),

('Hameed','Karachi',23,923379879792,'ytyutuyt765@gmail.com','A','12th','Male',2)

SELECT \* FROM `Students` WHERE city="Hyderabad";

SELECT COUNT(City),NAME FROM `students` GROUP BY(CITY);

SELECT COUNT(Course),course FROM `students` GROUP BY(Course);

SELECT \* FROM students INNER JOIN courses ON students.Course = courses.Cid;

SELECT AVG(Age) FROM `students`;

SELECT MIN(salary) AS "Lowest salary" FROM `students`;