**CREATE TABLE Guardian (**

**Guardian\_ID INT PRIMARY KEY,**

**First\_Name VARCHAR (50),**

**Last\_Name VARCHAR (50),**

**sex VARCHAR (1),**

**Region VARCHAR (50),**

**Town VARCHAR (50),**

**Guardian\_Phone\_Number VARCHAR (20)**

**);**

**CREATE TABLE Student (**

**Student\_ID INT PRIMARY KEY,**

**First\_Name VARCHAR (50),**

**Last\_Name VARCHAR (50),**

**sex VARCHAR (1),**

**Region VARCHAR (50),**

**Town VARCHAR (50),**

**Phone\_Number VARCHAR (20),**

**Guardian\_ID INT,**

**FOREIGN KEY (Guardian\_ID) REFERENCES Guardian (Guardian\_ID) ON DELETE CASCADE ON UPDATE CASCADE**

**);**

**CREATE TABLE Tutor (**

**Tutor\_ID INT PRIMARY KEY,**

**First\_Name VARCHAR (50),**

**Last\_Name VARCHAR (50),**

**sex VARCHAR (1),**

**Phone\_Number VARCHAR (20),**

**Address VARCHAR (100)**

**);**

**CREATE TABLE Subjects\_Taught (**

**Tutor\_ID INT,**

**Subject\_Name VARCHAR (50),**

**PRIMARY KEY (Tutor\_ID, Subject\_Name),**

**FOREIGN KEY (Tutor\_ID) REFERENCES Tutor (Tutor\_ID) ON DELETE CASCADE ON UPDATE CASCADE**

**);**

**CREATE TABLE Subject (**

**Subject\_ID INT PRIMARY KEY,**

**Subject\_Name VARCHAR (50)**

**);**

**CREATE TABLE Enrollment (**

**Enrollment\_ID INT PRIMARY KEY,**

**Tutor\_ID INT,**

**Student\_ID INT,**

**Subject\_ID INT,**

**Payment\_Amount DECIMAL (10,2),**

**FOREIGN KEY (Tutor\_ID) REFERENCES Tutor (Tutor\_ID) ,**

**FOREIGN KEY (Student\_ID) REFERENCES Student (Student\_ID) ON DELETE CASCADE ON UPDATE CASCADE,**

**FOREIGN KEY (Subject\_ID) REFERENCES Subject (Subject\_ID) ON DELETE CASCADE ON UPDATE CASCADE**

**);**

**CREATE TABLE Session (**

**Session\_ID INT PRIMARY KEY,**

**Enrollment\_ID INT,**

**Location\_Name VARCHAR (50),**

**Days\_Per\_Week INT,**

**Starting\_Time TIME,**

**Ending\_Time TIME,**

**Duration TIME,**

**FOREIGN KEY (Enrollment\_ID) REFERENCES Enrollment (Enrollment\_ID) ON DELETE CASCADE ON UPDATE CASCADE**

**);**

**CREATE TABLE Department (**

**Department\_Number INT PRIMARY KEY,**

**Department\_Name VARCHAR (50),**

**Number\_of\_Staffs INT**

**);**

**CREATE TABLE Staff (**

**Staff\_ID INT PRIMARY KEY,**

**First\_Name VARCHAR (50),**

**Last\_Name VARCHAR (50),**

**sex VARCHAR (1),**

**Address VARCHAR (100),**

**Salary DECIMAL (10,2),**

**Department\_Number INT,**

**FOREIGN KEY (Department\_Number) REFERENCES Department (Department\_Number) ON DELETE CASCADE ON UPDATE CASCADE**

**);**

**INSERT INTO Guardian (Guardian\_ID, First\_Name, Last\_Name, sex, Region, Town, Guardian\_Phone\_Number)**

**VALUES**

**(0001, 'Yohannes', 'Belete', 'M', 'central', 'Addis Ababa', '0909090909'),**

**(0002, 'Belay', 'Ashenafi', 'F', 'East', ' Dire Dawa', '0908080808'),**

**(0003, 'Simon', 'Belayneh', 'M', 'West', 'Jimma ', '0911111111'),**

**(0004, 'Emebet', 'Dawit', 'F', 'South', ' Hawassa', '0907070707'),**

**(0005, 'Abraham', 'Tadesse', 'M', 'Central', 'Addis Ababa', '0912121212'),**

**(0006, 'Sitra', 'Ahmed', 'F', 'East', 'Dire Dawa', '0906060606'),**

**(0007, 'Markos', 'Abebe', 'M', 'West', 'Jimma', '0913131313'),**

**(0008, 'Epherata', 'Dereje', 'F', 'South', 'Hawassa', '0914141414'),**

**(0009, 'Daniel', 'Alemu', 'M', 'Central', 'Addis Ababa', '0905050505'),**

**(0010, 'Elsa', 'Daniel', 'F', 'North', 'Mekele', '0915151515');**

**INSERT INTO Student (Student\_ID, First\_Name, Last\_Name, sex, Region, Town, Phone\_Number, Guardian\_ID)**

**VALUES**

**(1000, 'Amen', 'Yohannes', 'F', 'Central', 'Addis Ababa', '0916161616', 0001),**

**(2000, 'Daniel', 'Maru', 'M', 'East', 'Dire Dawa', '0917171717', 0002),**

**(3000, 'Michael', 'Simon', 'M', 'West', 'Jimma', '0918181818', 0003),**

**(4000, 'Sophia', 'Habte', 'F', 'South', 'Hawassa', '0919191919', 0004),**

**(5000, 'Ruth', 'Abraham', 'F', 'Central', 'Addis Ababa', '0920202020', 0005),**

**(6000, 'Muaz', 'Mohammed', 'M', 'East', 'Dire Dawa', '0921212121', 0006),**

**(7000, 'Nahom', 'Markos', 'M', 'West', 'Jimma', '0922222222', 0007),**

**(8000, 'Eden', 'Eyosias', 'F', 'South', 'Hawassa', '0923232323', 0008),**

**(9000, 'Abenezer', 'Daniel', 'M', 'central', 'Addis Ababa', '0924242424', 0009),**

**(11000, 'Mihiret', 'Mola', 'F', 'North', 'Mekele', '0925252525', 0010);**

**INSERT INTO Tutor (Tutor\_ID, First\_Name, Last\_Name, sex, Phone\_Number, Address)**

**VALUES**

**(01, 'Rahel', 'Hagos', 'F', '0926262626', 'Dire Dawa'),**

**(02, 'Lema', 'Liredaw', 'M', '0927272727', 'Addis Ababa'),**

**(03, 'Debebe', 'Hidru', 'M', '0928282828', 'Jimma'),**

**(04, 'Zewdu', 'Tesema', 'M', '0929292929', 'Addis Ababa'),**

**(05, 'Dania', 'Eyuel', 'F', '0930303030', 'Hawassa'),**

**(06, 'Amy', 'Kassahun', 'F', '0931313131', 'Dire Dawa'),**

**(07, 'Beminet', 'Zewdu', 'F', '0932323232', 'Hawassa'),**

**(08, 'Tesfaye', 'Mola', 'M', '0933333333', 'Mekele'),**

**(09, 'Selam', 'Yosef', 'F', '0934343434', 'Jimma'),**

**(10, 'Kebede', 'Tariku', 'M', '0935353535', 'Addis Ababa');**

**INSERT INTO Subjects\_Taught (Tutor\_ID, Subject\_Name)**

**VALUES**

**(01, 'Math'),**

**(01, 'Physics'),**

**(02, 'Biology'),**

**(03, 'English'),**

**(04, 'History'),**

**(04, 'Economics'),**

**(04, 'Geography'),**

**(05, 'Geography'),**

**(06, 'Chemistry'),**

**(07, 'Physics'),**

**(08, 'Economics'),**

**(09, 'Business'),**

**(09, 'History'),**

**(10, 'Psychology');**

**INSERT INTO Subject (Subject\_ID, Subject\_Name)**

**VALUES**

**(001, 'Math'),**

**(002, 'Science'),**

**(003, 'English'),**

**(004, 'History'),**

**(005, 'Geography'),**

**(006, 'Chemistry'),**

**(007, 'Physics'),**

**(008, 'Economics'),**

**(009, 'Business'),**

**(010, 'Psychology');**

**INSERT INTO Enrollment (Enrollment\_ID, Tutor\_ID, Student\_ID, Subject\_ID, Payment\_Amount)**

**VALUES**

**(1, 01, 2000, 001, 150.00),**

**(2, 08, 11000,008, 200.00),**

**(3, 07,4000, 4, 175.00),**

**(4, 02, 5000, 5, 160.00),**

**(5, 03, 3000, 4, 175.00),**

**(6, 05, 8000, 4, 175.00),**

**(7, 06, 6000, 4, 175.00),**

**(8, 04, 9000, 4, 175.00),**

**(9, 09, 7000, 4, 175.00),**

**(10, 10,1000, 4, 175.00);**

**INSERT INTO Session (Session\_ID, Enrollment\_ID, Location\_Name, Days\_Per\_Week, starting\_Time, Ending\_Time, Duration)**

**VALUES**

**(01, 1, 'Dire Dawa', 3, '09:00:00', '10:30:00', '01:30:00'),**

**(11, 2, 'Mekele', 2, '10:00:00', '12:30:00', '02:30:00'),**

**(21, 3, 'Hawassa', 3, '11:00:00', '12:30:00', '01:30:00'),**

**(31, 4, 'Addis Ababa', 2, '12:00:00', '13:30:00', '01:30:00'),**

**(41, 5, 'Jimma', 3, '11:00:00', '13:30:00', '02:30:00'),**

**(51, 6, 'Hawassa', 2, '11:00:00', '12:30:00', '01:30:00'),**

**(61, 7, 'Dire Dawa', 4, '9:00:00', '10:00:00', '01:00:00'),**

**(71, 8, 'Addis Ababa', 2, '10:00:00', '12:30:00', '02:30:00'),**

**(81, 9, 'Jimma', 4, '11:00:00', '12:00:00', '01:00:00'),**

**(91, 10, 'Addis Ababa', 3, '1:00:00', '2:30:00', '01:30:00');**

**INSERT INTO Department (Department\_Number, Department\_Name, Number\_of\_Staffs)**

**VALUES**

**(1, 'Administers ', 2),**

**(2, 'Tutor evaluators',5),**

**(3, 'Tutor assigners',5),**

**(4, 'Receptionist', 2);**

**INSERT INTO Staff (Staff\_ID, First\_Name, Last\_Name, sex, Address, Salary, Department\_Number)**

**VALUES**

**(11, 'Ruhama', 'leul', 'F', 'Dire Dawa', 5000.00, 3),**

**(222, 'Lensa', 'tamene', 'F', 'Addis Ababa', 5200.00, 3),**

**(333, 'Debebe', 'Hiluf', 'M', 'Jimma', 4800.00, 3),**

**(444, 'Amare', 'ambaw', 'M', 'Dire Dawa', 4700.00, 3),**

**(555, 'Beminet', 'Zelalem', 'F', 'Hawassa', 4900.00, 3),**

**(666, 'Zenegaw', 'Tiruneh', 'M', 'Addis Ababa', 50000.00, 2),**

**(777, 'Daniel', 'Eyasu', 'M', 'Hawassa', 4800.00, 2),**

**(888, 'Tesfaye', 'Muluken', 'M', 'Mekele', 4600.00, 2),**

**(999, 'Selamawit', 'Ytagesu', 'F', 'Jimma', 4900.00, 2),**

**(1100, 'Keteme', 'Tilahun', 'M', 'Addis Ababa', 5000.00, 2),**

**(1200, 'Biruk', 'daniel', 'M', 'Addis Ababa', 9000.00, 1),**

**(1300, 'Helen', 'Mandefrot', 'F', 'Addis Ababa', 10000.00, 1),**

**(1400, 'Mariamawit', 'Kassahun', 'F', 'Addis Ababa', 2500.00, 4),**

**(1500, 'Kevin', 'Selamu', 'M', 'Jimma', 2500.00, 4);**

**INSERT INTO Guardian (Guardian\_ID, First\_Name, Last\_Name, sex, Region, Town, Guardian\_Phone\_Number)**

**VALUES (0011, 'Samuel', 'Girma', 'M', 'North', 'Mekele', '0940404040');**

**SELECT \* FROM Student WHERE Region = 'Central';**

**UPDATE Tutor SET Phone\_Number = '0929999999' WHERE Tutor\_ID = 01;**

**DELETE FROM Student WHERE Student\_ID = 2000;**

**SELECT First\_Name, Last\_Name, Address**

**FROM Staff**

**WHERE Department\_Number = 3;**

**UPDATE Department SET Department\_Name = 'NS Department' WHERE Department\_Number = 3;**

**DELETE FROM Guardian WHERE Guardian\_ID = 0001;**

**DELETE FROM Student WHERE Guardian\_ID = 0001;**

**SELECT \* FROM Tutor WHERE sex = 'F';**

**SELECT AVG(Salary) AS Average\_Salary FROM Staff;**