* -- Political Parties Table

CREATE TABLE PoliticalParties (

PartyID INT PRIMARY KEY,

PartyName VARCHAR(255),

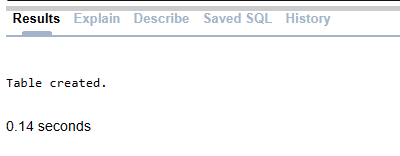
Leader VARCHAR(255),

Headquarters VARCHAR(255),

CandidateID INT,

ConstituencyID INT

);



-- Voters Table

CREATE TABLE Voters (

VoterID INT PRIMARY KEY,

Name VARCHAR(255),

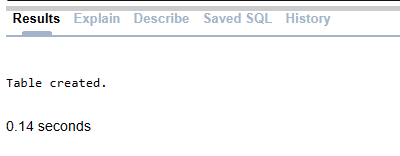
FathersOrHusbandsName VARCHAR(255),

CNICNumber VARCHAR(15),

Address VARCHAR(255),

ConstituencyID INT

);



-- Candidates Table

>.. CREATE TABLE Candidates (

CandidateID INT PRIMARY KEY,

Name VARCHAR(255),

PartyAffiliation VARCHAR(255),

ElectionType VARCHAR(50),

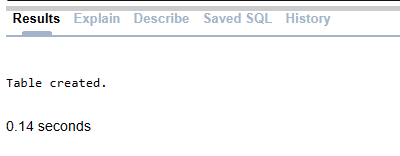
ConstituencyID INT,

-- Add other relevant candidate details columns here

PartyID INT,

FOREIGN KEY (PartyID) REFERENCES PoliticalParties (PartyID)

);



-- Constituencies Table

CREATE TABLE Constituencies (

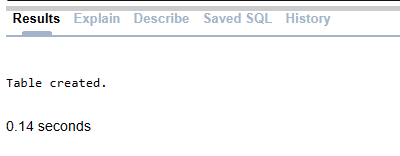
ConstituencyID INT PRIMARY KEY,

ConstituencyName VARCHAR(255),

Province VARCHAR(100),

District VARCHAR(100)

);



-- Polling Stations Table

CREATE TABLE PollingStations (

PollingStationID INT PRIMARY KEY,

ConstituencyID INT,

PollingStationName VARCHAR(255),

Location VARCHAR(255),

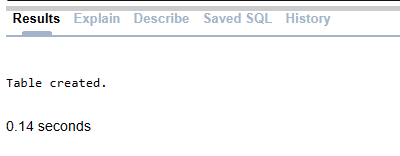
StaffCount INT,

CandidateID INT,

FOREIGN KEY (CandidateID) REFERENCES Candidates (CandidateID),

FOREIGN KEY (ConstituencyID) REFERENCES Constituencies(ConstituencyID)

);



-- Election Schedule Table

CREATE TABLE ElectionSchedule (

ElectionID INT PRIMARY KEY,

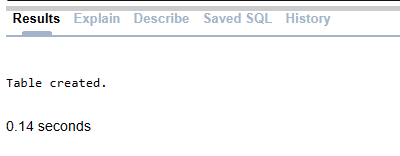
ElectionType VARCHAR(50),

ElectionDate DATE,

NominationDeadline DATE,

PollingDate DATE

);



-- Votes Table

CREATE TABLE Votes (

VoteID INT PRIMARY KEY,

VoterID INT,

CandidateID INT,

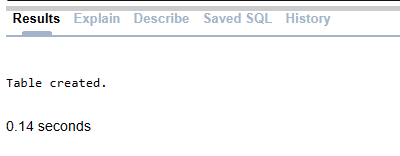
PollingStationID INT,

VoteDateTime DATE,

-- Add any additional details columns here

FOREIGN KEY (CandidateID) REFERENCES Candidates(CandidateID),

FOREIGN KEY (PollingStationID) REFERENCES PollingStations(PollingStationID)

);

-- Election Results Table

CREATE TABLE ElectionResults (

ResultID INT PRIMARY KEY,

ElectionID INT,

ConstituencyID INT,

CandidateID INT,

VotesReceived INT,

PercentageOfVotes DECIMAL(5,2),

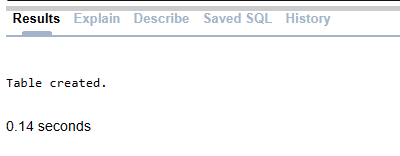
-- Add other relevant result information columns here

FOREIGN KEY (ElectionID) REFERENCES ElectionSchedule(ElectionID),

FOREIGN KEY (ConstituencyID) REFERENCES Constituencies(ConstituencyID),

FOREIGN KEY (CandidateID) REFERENCES Candidates(CandidateID)

);



-- Election Officials Table

CREATE TABLE ElectionOfficials (

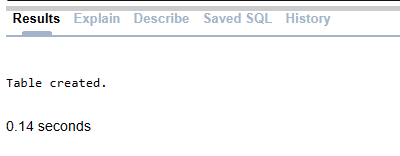
OfficialID INT PRIMARY KEY,

Name VARCHAR(255),

Designation VARCHAR(100),

ContactNumber VARCHAR(15)

);



-- Optional Tables

-- Online Votes Table

CREATE TABLE OnlineVotes (

VoteID INT PRIMARY KEY,

VoterID INT,

CandidateID INT,

VoteDateTime DATE,

IP\_Address VARCHAR(45),

-- Add any additional details specific to online voting columns here

FOREIGN KEY (VoterID) REFERENCES Voters(VoterID),

FOREIGN KEY (CandidateID) REFERENCES Candidates(CandidateID)

);

-- Form 45 Table

CREATE TABLE Form45 (

Form45ID INT PRIMARY KEY,

PollingStationID INT,

CandidateID INT,

VotesReceived INT,

RejectedVotes INT,

FOREIGN KEY (PollingStationID) REFERENCES PollingStations(PollingStationID),

FOREIGN KEY (CandidateID) REFERENCES Candidates(CandidateID)

);

-- Form 47 Table

CREATE TABLE Form47 (

Form47ID INT PRIMARY KEY,

ConstituencyID INT,

CandidateID INT,

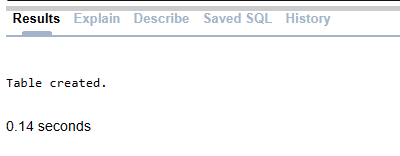
TotalVotes INT,

-- Add other relevant information columns here

FOREIGN KEY (ConstituencyID) REFERENCES Constituencies(ConstituencyID),

FOREIGN KEY (CandidateID) REFERENCES Candidates(CandidateID)

);



INSERT INTO PoliticalParties (PartyID, PartyName, Leader, Headquarters, CandidateID, ConstituencyID)

VALUES (1, 'PTI', 'Imran Khan', 'Islamabad', 1, 1);

INSERT INTO Voters (VoterID, Name, FathersOrHusbandsName, CNICNumber, Address, ConstituencyID)

VALUES (1, 'Aasd', 'Syed', '123', 'Nawabshah', 1);

INSERT INTO Candidates (CandidateID, Name, PartyAffiliation, ElectionType, ConstituencyID, PartyID)

VALUES (1, 'Asad', 'Democratic', 'Presidential', 1, 1)

INSERT INTO Candidates (CandidateID, Name, PartyAffiliation, ElectionType, ConstituencyID, PartyID)

VALUES (2, 'Samee', 'Republican', 'Congressional', 1, 1);

INSERT INTO Constituencies (ConstituencyID, ConstituencyName, Province, District)

VALUES (1, 'Central', 'Sindh', 'Nawabshah')

INSERT INTO PollingStations (PollingStationID, ConstituencyID, PollingStationName, Location, StaffCount, CandidateID)

VALUES (1, 1, 'Paras Collage', 'Nawabshah', 12, 1)

INSERT INTO ElectionSchedule (ElectionID, ElectionType, ElectionDate, NominationDeadline, PollingDate)

VALUES (1, 'Parliamentary', TO\_DATE('2024-11-05', 'YYYY-MM-DD'), TO\_DATE('2024-06-30', 'YYYY-MM-DD'), TO\_DATE('2024-11-05', 'YYYY-MM-DD'));

INSERT INTO Votes (VoteID, VoterID, CandidateID, PollingStationID, VoteDateTime)

VALUES (1, 1, 1, 1, TO\_DATE('2024-05-06 10:30:00', 'YYYY-MM-DD HH24:MI:SS'))

INSERT INTO ElectionResults (ResultID, ElectionID, ConstituencyID, CandidateID, VotesReceived, PercentageOfVotes)

VALUES (1, 1, 1, 1, 30000, 60.00)

INSERT INTO ElectionOfficials (OfficialID, Name, Designation, ContactNumber)

VALUES (1, 'Asad', 'Chief Election Officer', '03145875110')

INSERT INTO Form45 (Form45ID, PollingStationID, CandidateID, VotesReceived, RejectedVotes)

VALUES(1, 1, 1, 1500, 10)

INSERT INTO Form47 (Form47ID, ConstituencyID, CandidateID, TotalVotes)

VALUES (1, 1, 1, 5000)