CREATE SCHEMA olympics\_db

AUTHORIZATION postgres;

CREATE TABLE IF NOT EXISTS olympics\_db.country

(

countryID character varying (10) NOT NULL,

countryName character varying(60) NOT NULL,

CONSTRAINT country\_pkey PRIMARY KEY (countryID)

)

CREATE TABLE IF NOT EXISTS olympics\_db.sports

(

sportsID integer NOT NULL,

Name character varying(60) NOT NULL,

isEliminated integer NOT NULL,

CONSTRAINT sports\_pkey PRIMARY KEY (sportsID)

)

CREATE TABLE IF NOT EXISTS olympics\_db.startingGames

(

startID integer NOT NULL,

sportsID integer,

year integer,

CONSTRAINT startingGames\_pkey PRIMARY KEY (startID),

CONSTRAINT sport\_fkey FOREIGN KEY (sportsID)

REFERENCES olympics\_db.sports(sportsID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.eliminatedGames

(

eliminatedID integer NOT NULL,

sportsID integer,

year integer,

CONSTRAINT eliminatedGames\_pkey PRIMARY KEY (eliminatedID),

CONSTRAINT sport\_fkey FOREIGN KEY (sportsID)

REFERENCES olympics\_db.sports(sportsID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.chiefGuest

(

guestID integer NOT NULL,

firstName character varying(60),

lastName character varying(60),

countryID character varying(60),

CONSTRAINT chiefGuest\_pkey PRIMARY KEY (guestID),

CONSTRAINT country\_fkey FOREIGN KEY (countryID)

REFERENCES olympics\_db.country(countryID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.olympicGames

(

olympicID integer NOT NULL,

year integer,

guestID integer,

countryID character varying(60),

CONSTRAINT olympicGames\_pkey PRIMARY KEY (olympicID),

CONSTRAINT country\_fkey FOREIGN KEY (countryID)

REFERENCES olympics\_db.country(countryID) MATCH SIMPLE,

CONSTRAINT guest\_fkey FOREIGN KEY (guestID)

REFERENCES olympics\_db.chiefGuest(guestID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.prize

(

prizeID integer NOT NULL,

medalType character varying(15) NOT NULL,

amount integer NOT NULL,

CONSTRAINT prize\_pkey PRIMARY KEY (prizeID)

)

CREATE TABLE IF NOT EXISTS olympics\_db.playersDetails

(

playerID integer NOT NULL,

firstName character varying(60) NOT NULL,

lastName character varying(60) NOT NULL,

age integer NOT NULL,

gender character varying(30) NOT NULL,

DOB character varying(30) NOT NULL,

height FLOAT(16) NOT NULL,

weight FLOAT(16) NOT NULL,

countryID character varying(60),

sportsID integer,

CONSTRAINT player\_pkey PRIMARY KEY (playerID),

CONSTRAINT country\_fkey FOREIGN KEY (countryID)

REFERENCES olympics\_db.country(countryID) MATCH SIMPLE,

CONSTRAINT sport\_fkey FOREIGN KEY (sportsID)

REFERENCES olympics\_db.sports(sportsID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.playersParticipation

(

participateID integer NOT NULL,

playerID integer,

sportsID integer,

olympicID integer,

CONSTRAINT participate\_pkey PRIMARY KEY (participateID),

CONSTRAINT player\_fkey FOREIGN KEY (playerID)

REFERENCES olympics\_db.playersDetails(playerID) MATCH SIMPLE,

CONSTRAINT sport\_fkey FOREIGN KEY (sportsID)

REFERENCES olympics\_db.sports(sportsID) MATCH SIMPLE,

CONSTRAINT olympic\_fkey FOREIGN KEY (olympicID)

REFERENCES olympics\_db.olympicGames(olympicID) MATCH SIMPLE

)

CREATE TABLE IF NOT EXISTS olympics\_db.winner

(

winnerID integer NOT NULL,

playerID integer,

sportsID integer,

olympicID integer,

countryID character varying(60),

prizeID integer,

CONSTRAINT winner\_pkey PRIMARY KEY (winnerID),

CONSTRAINT player\_fkey FOREIGN KEY (playerID)

REFERENCES olympics\_db.playersDetails(playerID) MATCH SIMPLE,

CONSTRAINT sport\_fkey FOREIGN KEY (sportsID)

REFERENCES olympics\_db.sports(sportsID) MATCH SIMPLE,

CONSTRAINT olympic\_fkey FOREIGN KEY (olympicID)

REFERENCES olympics\_db.olympicGames(olympicID) MATCH SIMPLE,

CONSTRAINT country\_fkey FOREIGN KEY (countryID)

REFERENCES olympics\_db.country(countryID) MATCH SIMPLE,

CONSTRAINT prize\_fkey FOREIGN KEY (prizeID)

REFERENCES olympics\_db.prize(prizeID) MATCH SIMPLE

)