CREATE TABLE Competition

(

CompetitionId INT not null,

Name varchar2(32),

StartDate date ,

End\_Date date ,

SportName varchar2(20) ,

PRIMARY KEY (CompetitionId)

)

CREATE TABLE Coach

(

CoachID INT NOT NULL,

First\_Name varchar2(20) ,

Last\_Name varchar2(20),

coachPhoneNum varchar2(20),

coachPassword varchar2(20),

Salary float ,

Address varchar2(20) ,

Sport\_Name varchar2(20) ,

BirthDate date ,

coachPhoneNum varchar2(20),

PRIMARY KEY (CoachID)

);

CREATE TABLE Training

(

TrainingId INT NOT NULL,

Dates date ,

Sport\_Name varchar2(20) ,

PRIMARY KEY (TrainingId)

);

CREATE TABLE Works\_on

(

CoachID INT REFERENCES Coach(CoachID) NOT NULL,

TrainingId INT REFERENCES Training(TrainingId) NOT NULL,

CONSTRAINT coach\_training\_PK PRIMARY KEY(CoachID, TrainingId));

);

CREATE TABLE Team

(

TeamId INT NOT NULL,

teamName varchar2(20),

Sport\_name varchar2(20) ,

Rank INT ,

CoachID INT NOT NULL,

PRIMARY KEY (TeamId),

FOREIGN KEY (CoachID) REFERENCES Coach(CoachID)

);

CREATE TABLE Participates\_in

(

TeamId INT REFERENCES Team(TeamId) NOT NULL,

CompetitionId INT REFERENCES Competition(CompetitionId) NOT NULL,

CONSTRAINT team\_comp\_PK PRIMARY KEY(TeamId, CompetitionId));

);

CREATE TABLE Player(

PlayerId number(10) primary key ,

playerPhoneNum varchar2(20),

PlayerPassword varchar2(20),

First\_Name varchar2(32) ,

Last\_Name varchar2(32) ,

Birthdate date ,

Gender varchar2(32) ,

Address varchar2(32) ,

TeamId INT REFERENCES Team(TeamId));

CREATE TABLE DO

(

PlayerId INT NOT NULL REFERENCES Player(PlayerId),

TrainingId INT NOT NULL REFERENCES Training(TrainingId),

constraints player\_training\_pk primary key (PlayerId,TrainingId)

);

create sequence coachid;

create sequence competitionid;

create sequence playerid;

create sequence teamid;

create sequence training\_auto\_inc;

create or replace procedure Addcompetition

(cName VARCHAR2,sdate date,edate date,sname varchar2)

as

begin

insert into competition values(competitionid.nextval,cName,sdate,edate,sname);

end;

create or replace procedure getcoachdata

( inputId in NUMBER, pass out VARCHAR2)

as

begin

select

coachpassword into pass

from COACH

where coach.coachid = inputId;

end;

create or replace PROCEDURE GetCoachID

(coach\_id out sys\_refcursor)

as

begin

open coach\_id for

select COACHID

FROM COACH;

end;

create or replace procedure getplayerdata

(outputID out number, inputId in NUMBER, pass in VARCHAR2)

as

begin

select player.PLAYERID

into outputID

from player

where player.playerid = inputId

AND player.playerpassword = pass;

end;

create or replace PROCEDURE GetSportName

(sportName out sys\_refcursor)

as

begin

open sportname for

select SPORT\_NAME

FROM training;

end;