Ex -3

CREATE TABLE player(PId INTEGER CONSTRAINT acc\_pid\_PK PRIMARY KEY, PName VARCHAR2(20) CONSTRAINT acc\_name\_nn NOT NULL,

Ranking INTEGER);

Ex-4

CREATE TABLE Tournament(TId INTEGER CONSTRAINT acc\_pk PRIMARY KEY, TName VARCHAR2(30) CONSTRAINT tour\_var\_nn NOT NULL,

StartDt DATE CONSTRAINT tour\_stra\_nn NOT NULL, EndDt DATE CONSTRAINT tour\_end\_nn NOT NULL,

Prize INTEGER CONSTRAINT tour\_pri\_nn NOT NULL);

Ex -5

create table Match

(

MId integer NOT NULL,

TId integer CONSTRAINT fk\_Match\_Tournament references Tournament(TId),

Player1 integer CONSTRAINT fk\_pla references Player(PId),

Player2 integer CONSTRAINT fk\_plaq references Player(PID),

MatchDt DATE NOT NULL,

Winner integer CONSTRAINT fk\_win references Player(PId),

Score varchar2(30) NOT NULL,

CONSTRAINT pk\_mid primary key (MId,TId),

CONSTRAINT ch\_pl21 CHECK (Player1 <> Player2)

);Ex-6

ALTER TABLE Player ADD(MatchesPlayed NUMBER,MatchesWon NUMBER);

Ex -7

ALTER TABLE Player DROP(ContactNo);

Ex-8

ALTER TABLE Player RENAME COLUMN PId TO PlayerId;

Ex-9

ALTER TABLE Player MODIFY PName VARCHAR2(50);

Assignament -2

CREATE TABLE Shopper(Shopperid INTEGER CONSTRAINT acc\_shop\_pk PRIMARY KEY, ShopperName VARCHAR2(20) CONSTRAINT acc\_nn NOT NULL,

Gender CHAR(6) CONSTRAINT shop\_ck CHECK(Gender IN('Male','Female')),MobileNo NUMBER CONSTRAINT shop\_nn NOT NULL,

Address VARCHAR2(50));

Assignment-3

ALTER TABLE Shopper MODIFY MobileNo VARCHAR2(15);

Assignment-5

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CREATE TABLE Store(Name VARCHAR2(20) CONSTRAINT acc\_pk PRIMARY KEY,

Location VARCHAR2(30) CONSTRAINT acc\_lo\_nn NOT NULL, ManagerName VARCHAR2(30) CONSTRAINT acc\_man\_uk UNIQUE);

Assignment – 6  
alter table Store rename column Name to StoreName;

Assignment – 7

create table Bill (

BillNo number primary key,

StoreName varchar2(20),

Shopperid number,

Arcode char(5),

Amount number,

BillDate date,

Quantity number(4) default 1,

CONSTRAINT ch\_quan CHECK(Quantity >0),

CONSTRAINT fk\_stn foreign key (StoreName) REFERENCES

Store(StoreName),

CONSTRAINT fk\_shid foreign key (Shopperid) REFERENCES

Shopper(Shopperid),

CONSTRAINT fk\_ar foreign key (ArCode) REFERENCES

Article(ArCode)

);

Assignment – 8

CREATE TABLE Supplier(SUpplierid VARCHAR2(6) CONSTRAINT acc\_sup\_pk PRIMARY KEY,

Name VARCHAR2(30), ContactNo VARCHAR2(15) CONSTRAINT sup\_nn NOT NULL,Emailid VARCHAR2(30));

Assignment – 9

ALTER TABLE Supplier ADD City VARCHAR2(10);

Assignment-10

ALTER TABLE Supplier DROP (Emailid);

Assignment-11

CREATE TABLE City(City VARCHAR(20) CONSTRAINT acc\_uk UNIQUE)

Assignment-12

ALTER TABLE City DROP(City);

**Assignment – 13**

create table Address (

HouseNo number ,

Street varchar2(30) ,

city varchar2(20),

zip number(6),

state varchar2(5),

CONSTRAINT pk\_addr primary key(HouseNo,Street,city),

CONSTRAINT fk\_addr foreign key (city) REFERENCES City(city),

CONSTRAINT ch\_zip CHECK(ZIP>=0)

);

Assignment-14

ALTER TABLE Address MODIFY State VARCHAR2(20);