Assignment 2

CREATE TABLE Shopper(

Shopperid INT PRIMARY KEY,

ShopperName VARCHAR2(20) NOT NULL,

Gender CHAR(6) CONSTRAINT shop\_gender CHECK(Gender IN('Male', 'Female')),

MobileNo NUMBER(10) NOT NULL,

Address VARCHAR2(50)

)

Assignment 3

ALTER TABLE Shopper MODIFY MobileNo VARCHAR2(15)

Assignment 4

CREATE TABLE Article(

ArCode CHAR(5) PRIMARY KEY,

CONSTRAINT ar CHECK(ArCode LIKE 'A%'),

ArName VARCHAR2(30) CONSTRAINTS nm NOT NULL,

Rate NUMBER(8,2),

Quantity NUMBER(4) DEFAULT 0,

CHECK(Quantity >= 0),

Class CHAR(1),

CHECK(Class IN('A','B','C'))

)

Assignment 5

CREATE TABLE Store(

Name VARCHAR2(20) PRIMARY KEY,

Location VARCHAR2(30) NOT NULL,

ManagerName VARCHAR2(30) UNIQUE

)

Assignment 6

ALTER TABLE Store RENAME COLUMN Name TO StoreName

Assignment 7

CREATE TABLE BILL(

BillNo NUMBER PRIMARY KEY,

StoreName VARCHAR2(20) CONSTRAINT nm REFERENCES Store(StoreName),

Shopperid NUMBER CONSTRAINT id REFERENCES Shopper(ShopperId),

ArCode CHAR(5) CONSTRAINT cd REFERENCES Article(ArCode),

Amount NUMBER,

BillDate DATE,

Quantity NUMBER(4) DEFAULT 1,

CHECK(QUANTITY>0)

)

Assignment 8

CREATE TABLE Supplier(

Supplierid VARCHAR2(6) PRIMARY KEY,

Name VARCHAR2(30),

ContactNo VARCHAR2(15) 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 VARCHAR2(20) UNIQUE

)

Assignment 12

ALTER TABLE City DROP (City)

Assignment 13

CREATE TABLE Address(

HouseNo INTEGER CONSTRAINT a UNIQUE,

Street VARCHAR2(30) CONSTRAINT b UNIQUE ,

city VARCHAR2(20) CONSTRAINT arr REFERENCES city(City) ,

Zip NUMBER(6) CONSTRAINT z CHECK(Zip>=0),

State VARCHAR2(5),

PRIMARY KEY(HouseNo,Street,city)

)

Assignment 14

ALTER TABLE Address MODIFY state VARCHAR2(20)

Exercise 10 :

INSERT INTO Salesman VALUES(11,&#39;Elizabeth&#39;,&#39;London&#39;)

Exercise 11 :

INSERT INTO Product VALUES(110,&#39;Bat&#39;,50,&#39;Sports&#39;,NULL)

Exercise 12 :

Select \* from Product

Exercise 13 :

Select PRODID, PRICE, CATEGORY from Product

Exercise 14 :

Select DISTINCT CATEGORY from Product

Exercise 3:

CREATE TABLE Player(

PId INTEGER PRIMARY KEY,

PName VARCHAR2(20) CONSTRAINT pname NOT NULL,

Ranking INTEGER

)

Exercise 4:

CREATE TABLE Tournament(

TId INTEGER PRIMARY KEY,

TName VARCHAR2(30) CONSTRAINT tname NOT NULL,

StartDt Date CONSTRAINT stour\_dt NOT NULL,

EndDt Date CONSTRAINT etour\_dt NOT NULL,

Prize INTEGER CONSTRAINT tour\_prize NOT NULL

)

Execise 5 : Wrong ANSWER

CREATE TABLE Match(

MId INTEGER CONSTRAINT match\_ID PRIMARY KEY,

TId INTEGER CONSTRAINT match\_tid\_fk REFERENCES Tournament(TId),

Player1 INTEGER CONSTRAINT match\_Pid1\_fk REFERENCES Player(PId),

Player2 INTEGER CONSTRAINT match\_Pid2\_fk REFERENCES Player(PId),

MatchDt DATE CONSTRAINT match\_dt NOT NULL,

Winner INTEGER CONSTRAINT match\_win\_fk REFERENCES Player(PId),

Score VARCHAR2(30) CONSTRAINT match\_scr NOT NULL,

CONSTRAINT match\_Pid\_ck CHECK(Player1 != Player2)

)

Exercise 6 :

ALTER TABLE Player ADD (MatchesPlayed INTEGER, MatchesWon INTEGER)

Exercise 7 :

ALTER TABLE Player Drop(ContactNo)

Exercise 8 :

ALTER TABLE Player RENAME COLUMN PId TO PlayerId

Exercise 9 :

ALTER TABLE Player Modify PName VARCHAR(50)

