Daniel Santos Databose I Homework 6 10/31/2018

a)
Insert into Produt (moker, model, type)
Values (cc, 1100, (pc));

Insert into Pc (model, speed, ram, nd, Price). Values (1100, 3.2, 1024, 180, 2499);

- b) Insert
- C) Delete from PC, product where PC: model = Product model
- d) belete from Laptop, Printer, Product. Where Printer, model <> Product. model;
- e) update product set maker = "A"
  Where maker= (180;
- F) uPdate PC set ram=ram\*2, hd=nd+60;
- B) update Laptop set screen = screen +1, price = frice 100 Where model in (select model from product where maker= "B");

lote

2/2.

- 5) Select AVG(speed) from PC;
- b) select AVG(speed) from Laptor where price > 1000;
- C) Select AVG(Price)

  from Product, PC

  Where Product. maker = "A" and

  PC. model = Product. model;
- d) Select AVG (Price)
  from Product, PC, Laptop
  Where Product, maker="D" and '
  (Product, model = PC, model or Product, model = Laptop. model);
- e) Select speed, Avg (Price) from PC Group by speed;
- F) Select maker, AVG(screen)
  from Product, Laptop
  Where Product. model = Laptop. model
  Group by maker;

- G) Select maker from Products Having count (distinct model) > 3;
- h) select maker, Max(Price)
  from froduct, PC
  Where froduct. model = fc. model
  Group by maker;
- i) select speed, AVG(Price) from PC Where speed>2.0
  Growl by speed;
- j) Select AVG(hd), maker from Pc, Product, Printer Where Product, model = Printer. model Group by maker;

```
Daniel Santos - HWI - Database I - Fall 2018
2.2.1)
     Aceounts - {acct No, type, balance's
    Customers - {firstName, last Name, idNo, occount}
 b)
Accounts -> {
    (12345, Savings, 1200), (23456, Checking, 1000)
  2 (34567, Savingo, 25)
   Customers > 2
(Robbie, Banks, 901-222, 12345)
    (Lena, Hand, 805-333, 12345)
    (Lena, Hand, 805-333, 23456)
  C) From Accounts: 12345, Savings, 1200
   From Customers: Filtheren Latter
                       Robbie, Banks, 901-222, 12345
 d) Accounts (acct No, type, balanace)
    Customers (first Name, las Hame, id No, account)
 e) Accounts (
acct No.
                      Custamers (
                        first Name,
      type,
                        last Name,
      balance
                        id No.
                       Account
```

f)

Accounts (acct No: String, type: string, balance: integer) Customers (first Name: string, last Name: string, id No: string, account: string)

8)

Accounts (acct No, type, balance, created on)

Customers (first Name, last Name, email, idNo, account)

```
CREATE TABLE Product (
   maker CHAR (50)
   model INT,
   type CHAR (7),
    PRIMARY KEY (model)
6) CREATE TABLE PC(
   model INT,
   speed INT
    Price FLOAT,
    PRIMARY Key (model)
C) CREATE TABLE LaPLOP(
   medel Int
   speed INT
   rous
   screen INT
   Price PLOAT,
  PRIMARY KEY (model)
  REATE TABLE Printer(
      INT,
 (00r
      BOOLEAN,
      CHAR(50),
 Price FLOAT,
 RRIMARY KEY (model)
```

e) ALTER TABLE Printer DROP color;

F) ALTER TABLE LAPLOP ADD Od CHAR (10) DEFAULT (none)