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Database Systems

Lab 08 Normalization

1. Enter here

2.

CREATE TABLE purchases

```
(  
    sid          CHARACTER(4) NOT NULL,  
    sku          CHARACTER(5) NOT NULL,  
    qty          INTEGER,  
    priceUSD     NUMERIC(6,2),  
    ordno        INTERGER NOT NULL,  
    ordDate      DATE,  
    comments     TEXT,  
    PRIMARY KEY (sid, sku)  
);
```

CREATE TABLE clothes

```
(  
    sku          CHARACTER(4) NOT NULL,  
    description   TEXT,  
    retailUSD     NUMERIC(5,2),  
    qtyOnHand     INTEGER,  
    PRIMARY KEY (sku)  
);
```

CREATE TABLE suppliers

```
(
```

```

sid          CHARACTER(4) NOT NULL,
street       TEXT,
city         TEXT,
state        CHARACTER(2),
zip          CHARACTER(5),
contactNum   CHARACTER(10),
payTerm      INTEGER,
PRIMARY KEY (sid)

```

); NOTE: payTerm in days!!

3.

Purchases Table

```

INSERT INTO purchases (sid, sku, qty, ordno, ordDate, comments)
VALUES('s001' , 'sk001' , 10 , '320.50' , '2015-01-15' , 'The first order');
INSERT INTO purchases (sid, sku, qty, ordno, ordDate, comments)
VALUES('s002' , 'sk002' , 8 , '200.00' , '2015-02-28' , 'Blue jean order');
INSERT INTO purchases (sid, sku, qty, ordno, ordDate, comments)
VALUES('s003' , 'sk003' , 50 , '500.00' , '2015-03-17' , 'Winter beanie order');

```

Clothes Table

```

INSERT INTO clothes (sku, description, retailUSD, qtyOnHand)
VALUES('sk001' , 'Red button down shirt' , '32.05' , 200);
INSERT INTO clothes (sku, description, retailUSD, qtyOnHand)
VALUES('sk002' , 'Blue jeans' , '25.00' , 125);
INSERT INTO clothes (sku, description, retailUSD, qtyOnHand)
VALUES('sk003' , 'Neff Beanies' , '10.00' , 75);

```

Suppliers Table

```

INSERT INTO suppliers(sid, street, city, state, zip, contactNum, payTerm)
VALUES('s001' , 'Wilbur St.' , 'Honolulu' , 'HI' , '32050' , '13935557867' , '30');

```

```
INSERT INTO suppliers(sid, street, city, state, zip, contactNum, payTerm)
VALUES('s002' , 'Database Drive' , 'Dataville' , 'NM' , '78390' , '17678995678' , '90');
```

```
INSERT INTO suppliers(sid, street, city, state, zip, contactNum, payTerm)
VALUES('s001' , 'Main St.' , 'Hopewell Jct.' , 'NY' , '12533' , '18454896767' , '60');
```