

```
select * from DonationList;
```

```
CREATE TABLE Donation (  
    Donation_ID INT PRIMARY KEY,  
    Donor_FirstName VARCHAR(50),  
    Donor_LastName VARCHAR(50),  
    Payment_Method VARCHAR(20),  
    Donation_Amount DECIMAL(10, 2),  
    Donation_Date DATE,  
    Address_ID INT,  
    Volunteer_ID INT  
);
```

```
CREATE TABLE HouseAddress (  
    Address_ID INT PRIMARY KEY,  
    Street_Address VARCHAR(100),  
    City VARCHAR(50),  
    Province VARCHAR(50),  
    Postal_Code VARCHAR(10),  
    Donation_ID INT  
);
```

```
CREATE TABLE Volunteer(  
    Volunteer_ID INT PRIMARY KEY,  
    Volunteer_FirstName VARCHAR(50),  
    Volunteer_LastName VARCHAR(50),  
    Group_Leader VARCHAR(50)  
);
```

```
select * from HouseAddress  
select * from Volunteer  
select * from Donation
```

```
ALTER TABLE HouseAddress
```

```
DROP TABLE HouseAddress
```

```
ALTER TABLE Donation  
DROP CONSTRAINT FK_Donation_Address;
```

```
ALTER TABLE Donation  
DROP CONSTRAINT FK_Donation_Volunteer;
```

```
INSERT INTO HouseAddress (Address_ID, Street_Address,city, Province,Postal_Code,Donation_ID)  
SELECT Address_ID, Street_Address, city, Province,Postal_Code,Donation_ID  
FROM DonationList;
```

```
INSERT INTO Donation (Donation_ID, Donor_FirstName, Donor_LastName, Payment_Method, Donation_Amount, Donation_Date, Address_ID, Volunteer_ID)  
SELECT Donation_ID, Donor_FirstName, Donor_LastName, Payment_Method, Donation_Amount, Donation_Date, Address_ID, Volunteer_ID  
FROM DonationList;
```

```
INSERT INTO Volunteer (Volunteer_Id,Volunteer_FirstName,Volunteer_LastName,Group_Leader)  
SELECT DISTINCT Volunteer_Id,Volunteer_FirstName,Volunteer_LastName,Group_Leader  
FROM DonationList;
```

```
--Establish the foreign key relationships between the fact and dimension tables:
```

```
ALTER TABLE Donation  
ADD CONSTRAINT FK_Donation_Address  
FOREIGN KEY (Address_ID) REFERENCES HouseAddress (Address_ID);
```

```
ALTER TABLE Donation  
ADD CONSTRAINT FK_Donation_Volunteer  
FOREIGN KEY (Volunteer_ID) REFERENCES Volunteer (Volunteer_ID);
```