

# 6854 Brandon de Bruyn

## PRG521 SA Q2

CODE:

```
CREATE DATABASE DBCtuLogistics;  
USE DBCtuLogistics;
```

```
CREATE TABLE Address(  
    id INT NOT NULL IDENTITY(1,1) PRIMARY KEY,  
    CNumber INT NOT NULL,  
    CName VARCHAR(25) NOT NULL,  
    Street VARCHAR(50) NOT NULL,  
    Suburb VARCHAR(50) NOT NULL,  
    City VARCHAR(25) NOT NULL,  
    Province VARCHAR(25) NOT NULL,  
    Country VARCHAR(25) NOT NULL,  
    PostalCode INT NOT NULL  
);
```

```
CREATE TABLE Customer(  
    Customerid INT NOT NULL IDENTITY(1,1) PRIMARY KEY,  
    FullName VARCHAR(100) NOT NULL,  
    ContactNumber VARCHAR(11) NULL,  
    Email VARCHAR(60) NULL,  
    Addressid INT NULL  
);
```

```
CREATE TABLE Freight(  
    id INT NOT NULL IDENTITY(1,1) PRIMARY KEY,  
    Customerid INT NULL,  
    Height DECIMAL(13, 2) NULL,  
    Weight DECIMAL(13, 2) NULL,  
    Lenght DECIMAL(13, 2) NULL,  
    DestinationAddressid INT NULL,  
    OriginAddressid INT NULL,  
    Statusid int NULL,
```

```
    Date DATE NULL,  
    FOREIGN KEY (Customerid) REFERENCES Customer(Customerid)  
);
```

```
CREATE TABLE Status(  
    id INT NOT NULL IDENTITY(1,1) PRIMARY KEY,  
    Status VARCHAR(50) NULL,  
    DatePickedUp VARCHAR(15) NULL,  
    DateDelivered VARCHAR(15) NULL,  
    DriverID VARCHAR(10) NULL  
);
```

```
CREATE TABLE Driver(  
    id INT NOT NULL IDENTITY(1,1) PRIMARY KEY,  
    FullName VARCHAR(100) NOT NULL,  
    LicenseType VARCHAR(15) NOT NULL,  
    Owner VARCHAR(50) NOT NULL  
);
```

## SCREENSHOTS:

Address	
id	
CNumber	
CName	
Street	
Suburb	
City	
Province	
Country	
PostalCode	

Customer	
Customerid	
FullName	
ContactNumber	
Email	
Addressid	

Freight	
id	
Customerid	
Height	
Weight	
Length	
DestinationAddressid	
Date	
OriginAddressid	
Statusid	
CustomerNumber	

Driver	
id	
FullName	
LicenseType	

Status	
id	
Status	
DatePickedUp	
DateDelivered	
DriverID	