



```
CREATE DATABASE lean_tech_backend_test;
```

```
CREATE TABLE lean_tech_backend_test.type_carrier (
    id_type INT NOT NULL,
    name_type VARCHAR(100) NULL,
    PRIMARY KEY (id_type));
```

```
CREATE TABLE lean_tech_backend_test.carriers (
    id_carrier INT NOT NULL,
    name_carrier VARCHAR(200) NOT NULL,
    mc VARCHAR(45) NULL,
    dot VARCHAR(45) NULL,
    address VARCHAR(200) NULL,
    phone BIGINT(15) NULL,
    id_type INT NOT NULL,
    PRIMARY KEY (id_carrier),
    UNIQUE INDEX mc_UNIQUE (mc ASC) VISIBLE,
    UNIQUE INDEX dot_UNIQUE (dot ASC) VISIBLE);
```

```
ALTER TABLE lean_tech_backend_test.carriers
ADD CONSTRAINT fk_id_type
FOREIGN KEY (id_type)
REFERENCES lean_tech_backend_test.type_carrier (id_type)
ON DELETE NO ACTION
ON UPDATE NO ACTION;
```

```
CREATE TABLE lean_tech_backend_test.shipments (  
  id_shipment INT NOT NULL,  
  date DATETIME NOT NULL,  
  description VARCHAR(500) NULL,  
  carrier_id INT NOT NULL,  
  PRIMARY KEY (id_shipment));  
  
ALTER TABLE lean_tech_backend_test.shipments  
ADD INDEX fk_carrier_id_idx (carrier_id ASC) VISIBLE;  
  
ALTER TABLE lean_tech_backend_test.shipments  
ADD CONSTRAINT fk_carrier_id  
  FOREIGN KEY (carrier_id)  
  REFERENCES lean_tech_backend_test.carriers (id_carrier)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION;
```

```
CREATE TABLE lean_tech_backend_test.orders (  
  id_order INT NOT NULL,  
  origin_city VARCHAR(100) NOT NULL,  
  origin_zip INT NOT NULL,  
  origin_state VARCHAR(100) NOT NULL,  
  destination_city VARCHAR(100) NOT NULL,  
  destination_zip INT NOT NULL,  
  destination_state VARCHAR(100) NOT NULL,  
  pickup_date DATETIME NULL,  
  delivery_date DATETIME NULL,  
  price DECIMAL NULL,  
  status VARCHAR(45) NULL,  
  shipment_id INT NOT NULL,  
  PRIMARY KEY (id_order));  
  
ALTER TABLE lean_tech_backend_test.orders  
ADD INDEX fk_shipment_id_idx (shipment_id ASC) VISIBLE;  
  
ALTER TABLE lean_tech_backend_test.orders  
ADD CONSTRAINT fk_shipment_id  
  FOREIGN KEY (shipment_id)  
  REFERENCES lean_tech_backend_test.shipments (id_shipment)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION;
```

```
CREATE TABLE lean_tech_backend_test.bols (  
  id_bol int NOT NULL,  
  name varchar(45) NOT NULL,  
  date datetime DEFAULT NULL,  
  instructions varchar(300) DEFAULT NULL,  
  items varchar(300) DEFAULT NULL,  
  PRIMARY KEY (id_bol)
```

```
);
```

```
CREATE TABLE lean_tech_backend_test.orders_bols (  
    id_order_bol int NOT NULL,  
    id_order int NOT NULL,  
    id_bol int NOT NULL,  
    PRIMARY KEY (id_order_bol)  
);
```

```
ALTER TABLE lean_tech_backend_test.orders_bols  
ADD INDEX fk_id_order_idx (id_order ASC) VISIBLE,  
ADD INDEX fk_id_bol_idx (id_bol ASC) VISIBLE;
```

```
ALTER TABLE lean_tech_backend_test.orders_bols  
ADD CONSTRAINT fk_id_order  
    FOREIGN KEY (id_order)  
    REFERENCES lean_tech_backend_test.orders (id_order)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
ADD CONSTRAINT fk_id_bol  
    FOREIGN KEY (id_bol)  
    REFERENCES lean_tech_backend_test.bols (id_bol)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION;
```