-- create tables and primary keys

CREATE TABLE Media (

id INT NOT NULL,

title VARCHAR(45),

categoryType VARCHAR(50),

value INT,

price INT,

quantity INT,

imageURL VARCHAR(100)

);

ALTER TABLE Media

ADD CONSTRAINT PK\_Media PRIMARY KEY (id);

CREATE TABLE ShippingMethod (

id INT NOT NULL,

name VARCHAR(50),

description VARCHAR(100)

);

ALTER TABLE ShippingMethod

ADD CONSTRAINT PK\_ShippingMethod PRIMARY KEY (id);

CREATE TABLE MediaShippingMethod (

id INT NOT NULL,

media\_id INT NOT NULL,

shippingMethod\_id INT NOT NULL

);

ALTER TABLE MediaShippingMethod

ADD CONSTRAINT PK\_MediaShippingMethod PRIMARY KEY (id);

CREATE TABLE DeliveryAddress (

id INT NOT NULL,

name VARCHAR(100),

phone INT,

province VARCHAR(20),

address VARCHAR(100),

instruction VARCHAR(200)

);

ALTER TABLE DeliveryAddress

ADD CONSTRAINT PK\_DeliveryAddress PRIMARY KEY (id);

CREATE TABLE Order (

id INT NOT NULL,

shippingFees INT,

deliveryAddress\_id INT NOT NULL

);

ALTER TABLE Order

ADD CONSTRAINT PK\_Order PRIMARY KEY (id);

CREATE TABLE OrderMedia (

id INT NOT NULL,

media\_id INT NOT NULL,

price INT,

quantity INT,

order\_id INT NOT NULL

);

ALTER TABLE OrderMedia

ADD CONSTRAINT PK\_OrderMedia PRIMARY KEY (id);

CREATE TABLE ShippingInfo (

id INT NOT NULL,

orderMedia\_id INT NOT NULL,

shippingMethod\_id INT NOT NULL,

shippingFee INT

);

ALTER TABLE shippingInfo

ADD CONSTRAINT PK\_shippingInfo PRIMARY KEY (id);

CREATE TABLE RushOrder (

id INT NOT NULL,

shippingInfo\_id INT NOT NULL,

shippingMethod\_id INT NOT NULL,

instruction VARCHAR(200),

deliveryTime DATETIME

)

ALTER TABLE RushOrder

ADD CONSTRAINT PK\_RushOrder PRIMARY KEY (id);

CREATE TABLE PaymentTransaction (

id INT NOT NULL,

method VARCHAR(20),

bankName VARCHAR(45),

content VARCHAR(100),

time DATETIME,

status VARCHAR(50)

);

ALTER TABLE PaymentTransaction

ADD CONSTRAINT PK\_PaymentTransaction PRIMARY KEY (id);

CREATE TABLE Invoice (

id INT NOT NULL,

totalAmount INT,

order\_id INT NOT NULL,

vat INT,

paymentTransaction\_id INT

);

ALTER TABLE Invoice

ADD CONSTRAINT PK\_Invoice PRIMARY KEY (id);

-- create foregin keys

ALTER TABLE MediaShippingMethod

ADD CONSTRAINT FK\_MediaShippingMethod\_0 FOREIGN KEY (media\_id) REFERENCES Media (id);

ALTER TABLE MediaShippingMethod

ADD CONSTRAINT FK\_MediaShippingMethod\_1 FOREIGN KEY (shippingMethod\_id) REFERENCES ShippingMethod (id);

ALTER TABLE Order

ADD CONSTRAINT FK\_Order\_0 FOREIGN KEY (deliveryAddress\_id) REFERENCES DeliveryAddress (id);

ALTER TABLE OrderMedia

ADD CONSTRAINT FK\_OrderMedia\_0 FOREIGN KEY (media\_id) REFERENCES Media (id);

ALTER TABLE OrderMedia

ADD CONSTRAINT FK\_OrderMedia\_1 FOREIGN KEY (order\_id) REFERENCES Order (id);

ALTER TABLE ShippingInfo

ADD CONSTRAINT FK\_ShippingInfo\_0 FOREIGN KEY (orderMedia\_id) REFERENCES OrderMedia (id);

ALTER TABLE ShippingInfo

ADD CONSTRAINT FK\_ShippingInfo\_1 FOREIGN KEY (shippingMethod\_id) REFERENCES ShippingMethod (id);

ALTER TABLE RushOrder

ADD CONSTRAINT FK\_RushOrder\_0 FOREIGN KEY (shippingInfo\_id) REFERENCES ShippingInfo (id);

ALTER TABLE RushOrder

ADD CONSTRAINT FK\_RushOrder\_1 FOREIGN KEY (shippingMethod\_id) REFERENCES ShippingMethod (id);

ALTER TABLE Invoice

ADD CONSTRAINT FK\_Invoice\_0 FOREIGN KEY (order\_id) REFERENCES Order (id);

ALTER TABLE Invoice

ADD CONSTRAINT FK\_Invoice\_1 FOREIGN KEY (paymentTransaction\_id) REFERENCES PaymentTransaction (id);