CREATE TABLE `address` (

`aID` int(11) NOT NULL AUTO\_INCREMENT,

`street` varchar(80) NOT NULL,

`city` varchar(20) NOT NULL,

`zip\_code` varchar(10) NOT NULL,

PRIMARY KEY (`aID`)

) ENGINE=InnoDB AUTO\_INCREMENT=50 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `customer` (

`cID` int(11) NOT NULL AUTO\_INCREMENT,

`email` varchar(30) NOT NULL,

`passwords` varchar(20) NOT NULL,

`kind` varchar(20) NOT NULL,

`aID` int(11) NOT NULL,

PRIMARY KEY (`cID`),

UNIQUE KEY `email` (`email`),

KEY `aID` (`aID`),

CONSTRAINT `customer\_ibfk\_1` FOREIGN KEY (`aID`) REFERENCES `address` (`aid`)

) ENGINE=InnoDB AUTO\_INCREMENT=40 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `business\_cus` (

`cID` int(11) NOT NULL,

`b\_name` varchar(20) NOT NULL,

`remain` decimal(18,2) DEFAULT NULL,

`category` varchar(20) DEFAULT NULL,

PRIMARY KEY (`cID`),

CONSTRAINT `business\_cus\_ibfk\_1` FOREIGN KEY (`cID`) REFERENCES `customer` (`cid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `home\_cus` (

`cID` int(11) NOT NULL,

`fname` varchar(20) NOT NULL,

`lname` varchar(20) NOT NULL,

`age` varchar(10) DEFAULT NULL,

`marriage` int(11) DEFAULT NULL,

`remain` decimal(18,2) NOT NULL,

PRIMARY KEY (`cID`),

CONSTRAINT `home\_cus\_ibfk\_1` FOREIGN KEY (`cID`) REFERENCES `customer` (`cid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `orderList` (

`ID` int(11) NOT NULL AUTO\_INCREMENT,

`cID` int(11) NOT NULL,

`pID` int(11) NOT NULL,

`quantity` int(11) NOT NULL,

`price` decimal(18,2) DEFAULT NULL,

`placetime` datetime DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (`ID`),

KEY `pID` (`pID`),

KEY `cID` (`cID`),

CONSTRAINT `orderlist\_ibfk\_1` FOREIGN KEY (`pID`) REFERENCES `product` (`pid`),

CONSTRAINT `orderlist\_ibfk\_2` FOREIGN KEY (`cID`) REFERENCES `customer` (`cid`)

) ENGINE=InnoDB AUTO\_INCREMENT=5 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `product` (

`pID` int(11) NOT NULL AUTO\_INCREMENT,

`p\_name` varchar(150) DEFAULT NULL,

`amount` int(11) NOT NULL,

`price` decimal(18,2) NOT NULL,

`kind` varchar(20) NOT NULL,

`picture` varchar(150) DEFAULT NULL,

`stID` int(11) DEFAULT NULL,

PRIMARY KEY (`pID`),

KEY `fk\_store` (`stID`),

CONSTRAINT `fk\_store` FOREIGN KEY (`stID`) REFERENCES `store` (`stid`) ON DELETE SET NULL ON UPDATE SET NULL

) ENGINE=InnoDB AUTO\_INCREMENT=319 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `region` (

`rID` int(11) NOT NULL AUTO\_INCREMENT,

`r\_manager` varchar(20) NOT NULL,

`r\_name` varchar(20) NOT NULL,

PRIMARY KEY (`rID`)

) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `salesperson` (

`saID` int(11) NOT NULL AUTO\_INCREMENT,

`s\_name` varchar(20) DEFAULT NULL,

`email` varchar(30) DEFAULT NULL,

`job` varchar(30) DEFAULT NULL,

`salary` decimal(18,2) DEFAULT NULL,

`aID` int(11) DEFAULT NULL,

`stID` int(11) DEFAULT NULL,

PRIMARY KEY (`saID`),

KEY `aID` (`aID`),

KEY `stID` (`stID`),

CONSTRAINT `salesperson\_ibfk\_1` FOREIGN KEY (`aID`) REFERENCES `address` (`aid`) ON DELETE CASCADE,

CONSTRAINT `salesperson\_ibfk\_2` FOREIGN KEY (`stID`) REFERENCES `store` (`stid`) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

CREATE TABLE `store` (

`stID` int(11) NOT NULL AUTO\_INCREMENT,

`st\_manager` varchar(20) DEFAULT NULL,

`stuff\_number` varchar(10) DEFAULT NULL,

`aID` int(11) NOT NULL,

`rID` int(11) NOT NULL,

PRIMARY KEY (`stID`),

KEY `aID` (`aID`),

KEY `rID` (`rID`),

CONSTRAINT `store\_ibfk\_1` FOREIGN KEY (`aID`) REFERENCES `address` (`aid`) ON DELETE CASCADE,

CONSTRAINT `store\_ibfk\_2` FOREIGN KEY (`rID`) REFERENCES `region` (`rid`) ON DELETE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=18 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci