

```
-- create-db.sql
```

```
DROP DATABASE IF EXISTS ocp6;
```

```
CREATE DATABASE ocp6;
```

```
USE ocp6;
```

```
CREATE TABLE address(
```

```
    `id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
    `label` VARCHAR(30) NOT NULL,
```

```
    `name` VARCHAR(30) NOT NULL,
```

```
    `line1` VARCHAR(30) NOT NULL,
```

```
    `line2` VARCHAR(20),
```

```
    `zip` VARCHAR(5) NOT NULL,
```

```
    `city` VARCHAR(20) NOT NULL
```

```
) ENGINE=INNODB;
```

```
CREATE TABLE ingredient(
```

```
    `id` TINYINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
    `label` VARCHAR(30) NOT NULL,
```

```
    `unit` VARCHAR(10) NOT NULL
```

```
) ENGINE=INNODB;
```

```
CREATE TABLE payment_solution(
```

```
    `id` TINYINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
    `label` VARCHAR(10) NOT NULL
```

```
) ENGINE=INNODB;
```

```
CREATE TABLE pizza(
```

```
    `id` TINYINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
    `name` VARCHAR(10) NOT NULL,
```

```
    `unit_price_ex_tax` DECIMAL(6,2),
```

```
`tax_rate100` DECIMAL(6,2)  
) ENGINE=INNODB;
```

```
CREATE TABLE client(  
  `id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,  
  `delivery_address_id` MEDIUMINT UNSIGNED NOT NULL,  
  CONSTRAINT `fk_client_delivery_address`  
    FOREIGN KEY(delivery_address_id)  
    REFERENCES address(id)  
    ON DELETE CASCADE ON UPDATE RESTRICT,  
  `billing_address_id` MEDIUMINT UNSIGNED NOT NULL,  
  CONSTRAINT `fk_client_billing_address`  
    FOREIGN KEY(billing_address_id)  
    REFERENCES address(id)  
    ON DELETE CASCADE ON UPDATE RESTRICT,  
  
  `1st_name` VARCHAR(30) NOT NULL,  
  `name` VARCHAR(30) NOT NULL,  
  `mail` VARCHAR(40) NOT NULL,  
  `login` VARCHAR(30) NOT NULL,  
  `password` BINARY(32) NOT NULL  
) ENGINE=INNODB;
```

```
CREATE TABLE composition(  
  `pizza_id` TINYINT UNSIGNED NOT NULL,  
  CONSTRAINT `fk_composition_pizza`  
    FOREIGN KEY (pizza_id)  
    REFERENCES pizza(id)  
    ON DELETE CASCADE ON UPDATE RESTRICT,  
  `ingredient_id` TINYINT UNSIGNED NOT NULL,  
  CONSTRAINT `fk_composition_ingredient`
```

```
FOREIGN KEY(ingredient_id)
REFERENCES ingredient(id)
ON DELETE CASCADE ON UPDATE RESTRICT,
CONSTRAINT `composition_pfk` PRIMARY KEY(pizza_id, ingredient_id),
`quantity` TINYINT UNSIGNED NOT NULL
) ENGINE=INNODB;
```

```
CREATE TABLE employee(
`id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
`address_id` MEDIUMINT UNSIGNED NOT NULL,
CONSTRAINT `fk_employee_address`
FOREIGN KEY(address_id)
REFERENCES address(id)
ON DELETE CASCADE ON UPDATE RESTRICT,

`1st_name` VARCHAR(30) NOT NULL,
`name` VARCHAR(30) NOT NULL,
`mail` VARCHAR(40) NOT NULL,
`login` VARCHAR(30) NOT NULL,
`password` BINARY(32) NOT NULL
) ENGINE=INNODB;
```

```
CREATE TABLE restaurant(
`id` TINYINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
`address_id` MEDIUMINT UNSIGNED NOT NULL,
CONSTRAINT `fk_restaurant_address`
FOREIGN KEY (address_id)
REFERENCES address(id)
ON DELETE CASCADE ON UPDATE RESTRICT,

`name` VARCHAR(10) NOT NULL
```

```
) ENGINE=INNODB;
```

```
CREATE TABLE order(
```

```
  `id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
  `employee_id` MEDIUMINT UNSIGNED NOT NULL,
```

```
  CONSTRAINT `fk_commande_employee`
```

```
    FOREIGN KEY(employee_id)
```

```
    REFERENCES employee(id)
```

```
    ON DELETE CASCADE ON UPDATE RESTRICT,
```

```
  `restaurant_id` TINYINT UNSIGNED NOT NULL,
```

```
  CONSTRAINT `fk_commande_restaurant`
```

```
    FOREIGN KEY(restaurant_id)
```

```
    REFERENCES restaurant(id)
```

```
    ON DELETE CASCADE ON UPDATE RESTRICT,
```

```
  `invoice_num` VARCHAR(10) NOT NULL,
```

```
  `date` DATE NOT NULL,
```

```
  `status` VARCHAR(10) NOT NULL
```

```
) ENGINE=INNODB;
```

```
CREATE TABLE le_panier(
```

```
  `id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
  `commande_id` MEDIUMINT UNSIGNED NOT NULL,
```

```
  CONSTRAINT `fk_le_panier_commande`
```

```
    FOREIGN KEY(commande_id)
```

```
    REFERENCES commande(id)
```

```
    ON DELETE CASCADE ON UPDATE RESTRICT,
```

```
  `pizza_id` TINYINT UNSIGNED NOT NULL,
```

```
  CONSTRAINT `fk_le_panier_pizza`
```

```
    FOREIGN KEY(pizza_id)
```

```
    REFERENCES pizza(id)
```

```
        ON DELETE CASCADE ON UPDATE RESTRICT,  
        `quantity` TINYINT UNSIGNED NOT NULL,  
        `tax_rate100` DECIMAL(6,2) NOT NULL,  
        `unit_price_ex_tax` DECIMAL(6,2) NOT NULL  
    ) ENGINE=INNODB;
```

```
CREATE TABLE payment_history(  
    `payment_solution_id` TINYINT UNSIGNED NOT NULL,  
    CONSTRAINT `fk_payment_history_payment_solution`  
        FOREIGN KEY(payment_solution_id)  
        REFERENCES payment_solution(id)  
        ON DELETE CASCADE ON UPDATE RESTRICT,  
    `commande_id` MEDIUMINT UNSIGNED NOT NULL,  
    CONSTRAINT `fk_payment_history_commande`  
        FOREIGN KEY(commande_id)  
        REFERENCES commande(id)  
        ON DELETE CASCADE ON UPDATE RESTRICT,  
    CONSTRAINT `composition_pfk` PRIMARY KEY(payment_solution_id, commande_id),  
    `amount` DECIMAL(6,2) NOT NULL,  
    `date` DATE NOT NULL  
    ) ENGINE=INNODB;
```

```
CREATE TABLE stock(  
    `ingredient_id` TINYINT UNSIGNED NOT NULL,  
    CONSTRAINT `fk_stock_ingredient`  
        FOREIGN KEY(ingredient_id)  
        REFERENCES ingredient(id)  
        ON DELETE CASCADE ON UPDATE RESTRICT,  
    `restaurant_id` TINYINT UNSIGNED NOT NULL,  
    CONSTRAINT `fk_stock_restaurant`  
        FOREIGN KEY(restaurant_id)
```

```
REFERENCES restaurant(id)

ON DELETE CASCADE ON UPDATE RESTRICT,

CONSTRAINT `pfk_composition` PRIMARY KEY(ingredient_id, restaurant_id),

`quantity` TINYINT UNSIGNED NOT NULL

) ENGINE=INNODB;
```

```
CREATE TABLE compte(

`id` MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,

`mail` VARCHAR(40) NOT NULL,

`login` VARCHAR(30) NOT NULL,

`password` BINARY(32) NOT NULL

) ENGINE=INNODB;
```