1)

```
mysql> show create table employees;
+-----------+------------------------------------------------------------------------------------------------------
------------------------------------------------------------------------------------------------------
----------------------------------+
| Table     | Create Table
                             |
+-----------+------------------------------------------------------------------------------------------------------
------------------------------------------------------------------------------------------------------
----------------------------------+
| employees | CREATE TABLE `employees` (
  `id` int NOT NULL AUTO_INCREMENT,
  `first_name` varchar(100) NOT NULL,
  `last_name` varchar(100) NOT NULL,
  `position_id` int DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `fk-employee-position` (`position_id`),
  CONSTRAINT `fk-employee-position` FOREIGN KEY (`position_id`) REFERENCES `positions` (`id`) ON DELETE CASCADE ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----------+------------------------------------------------------------------------------------------------------
------------------------------------------------------------------------------------------------------
----------------------------------+
1 row in set (0.00 sec)

mysql> show create table positions;
+-----------+------------------------------------------------------------------------------------------------------
-----------------------------+
| Table     | Create Table
                                            |
+-----------+------------------------------------------------------------------------------------------------------
-----------------------------+
| positions | CREATE TABLE `positions` (
  `id` int NOT NULL AUTO_INCREMENT,
  `name` varchar(100) NOT NULL,
  `salary_rate` int NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `name` (`name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----------+------------------------------------------------------------------------------------------------------
-----------------------------+
1 row in set (0.00 sec)
```

2)

```
+--------+---------------------------------------------------------------------------------
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---------------------------------------------------------------------------------
| goods | CREATE TABLE `goods` (
  `id` int NOT NULL AUTO_INCREMENT,
  `name` varchar(100) NOT NULL,
  `price` decimal(10,2) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `name` (`name`),
  CONSTRAINT `check_price` CHECK ((`price` >= 0))
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+--------+---------------------------------------------------------------------------------
```

4)

```
mysql> select * from orders;
+----+-------------+-------------+---------------------+
| id | employee_id | total_price | date_time           |
+----+-------------+-------------+---------------------+
|  1 |           1 |      400.00 | 2025-04-05 00:00:00 |
+----+-------------+-------------+---------------------+
1 row in set (0.00 sec)

mysql> DELETE FROM orders WHERE employee_id=1;
Query OK, 1 row affected (0.01 sec)

mysql> select * from orders;
Empty set (0.00 sec)
```

```
-----------------------------------------------+
| employees | CREATE TABLE `employees` (
  `id` int NOT NULL AUTO_INCREMENT,
  `first_name` varchar(100) NOT NULL,
  `last_name` varchar(100) NOT NULL,
  `position_id` int DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `fk-employee-position` (`position_id`),
  CONSTRAINT `fk-employee-position` FOREIGN KEY (`position_id`) REFERENCES `positions` (`id`) ON DELETE CASCADE ON UPDATE CASCADE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----------+-------------------------------------------------------------------------------------------------------------------------
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-------------------------------------------------------------------------------------------------------------------------------------
-----------------------------------------------+
1 row in set (0.01 sec)

mysql> DELETE FROM employees WHERE id = 1;
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`fast_food_resto_1032231391`.`schedule`, CONSTRAI
NT `fk-schedule-position` FOREIGN KEY (`employee_id`) REFERENCES `employees` (`id`) ON DELETE RESTRICT ON UPDATE CASCADE)
mysql>
```