1. ==CREATE TABLE== `emplyee` (
   `id` int(11) NOT NULL,
   `firstname` varchar(255) NOT NULL,
   `lastname` varchar(255) NOT NULL,
   `age` int(11) NOT NULL,
   `created` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

   ==INSERT INTO== `emplyee`
   (`id`, `firstname`, `lastname`, `age`, `created`) VALUES
   ('1', 'Noah', 'Armstrong', '34', CURRENT_TIMESTAMP),
    ('2', 'Leslie', 'Ellis', '24', CURRENT_TIMESTAMP),
   ('3', 'Sandra', 'Hoffman', '35', CURRENT_TIMESTAMP);

   ('4', 'Cameron', 'Meyer', '19', CURRENT_TIMESTAMP),
   ('5', 'Cameron', 'Moore', '27', CURRENT_TIMESTAMP);

2. ==CREATE TABLE== `book` (
    `isbn` bigint(13) NOT NULL,
    `bookname` varchar(255) NOT NULL,
    `price` int(20) NOT NULL,
    `created` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE
   CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

   ==INSERT INTO== `book` (`isbn`, `bookname`, `price`, `created`) VALUES
    ('9783598215933', 'The Marquis and I', '250', CURRENT_TIMESTAMP),
   ('9783598215957', 'Blood on the Tongue', '352', CURRENT_TIMESTAMP),
   ('9783598215995', 'A Higher Loyalty', '157', CURRENT_TIMESTAMP),
   ('9783598215919', 'The Mars Room', '199', CURRENT_TIMESTAMP),
   ('9783598215766', 'His Toy', '289', CURRENT_TIMESTAMP);

3. ==CREATE TABLE== `sales` (
   `isbn` bigint(13) NOT NULL,
    `employee_id` int(13) NOT NULL,
    `price` int(20) NOT NULL,
    `volumes` int(13) NOT NULL,
    `created` datetime NOT NULL,
    `inv_id` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

   ==INSERT INTO== `sales` (`isbn`, `employee_id`, `price`, `volumes`, `created`, `inv_id`)
   VALUES
   (9783598215933, 3, 250, 1, '2022-05-14 08:32:35', 1),
   (9783598215957, 4, 352, 1, '2022-05-14 08:32:35', 2),
   (9783598215995, 1, 157, 1, '2022-05-14 08:32:35', 3),

```
(9783598215919, 2, 199, 1, '2022-05-14 08:32:35', 4),
(9783598215933, 3, 250, 1, '2022-05-14 08:32:35', 5),
(9783598215957, 4, 352, 1, '2022-05-14 08:32:35', 6),
(9783598215995, 1, 157, 1, '2022-05-14 08:32:35', 7),
(9783598215919, 2, 199, 1, '2022-05-14 08:32:35', 8);
```

Homework16_2

1. DELETE FROM `emplyee` WHERE `emplyee`.`id` = 5;
2. ALTER TABLE emplyee ADD COLUMN address varchar(255);

   UPDATE `emplyee` SET `address` = 'Brooklyn' WHERE `emplyee`.`id` = 1;
   UPDATE `emplyee` SET `address` = 'Queens' WHERE `emplyee`.`id` = 2;
   UPDATE `emplyee` SET `address` = 'NULL' WHERE `emplyee`.`id` = 3;
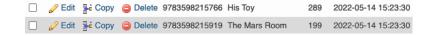   UPDATE `emplyee` SET `address` = 'Brooklyn' WHERE `emplyee`.`id` = 4;

3. SELECT COUNT(*)FROM `emplyee`;
4. SELECT firstname from `emplyee` WHERE age <20;
5. SELECT firstname, age FROM `emplyee`;
6. UPDATE `emplyee` SET firstname = 'Neil' WHERE `emplyee`.`id`= 1;

Homework16_3

1. SELECT * FROM `book` WHERE bookname like '%Mar%';

←T→			isbn	bookname	price	created
☐	🖉 Edit ⋺ Copy ⊝ Delete		9783598215919	The Mars Room	199	2022-05-14 15:23:30
☐	🖉 Edit ⋺ Copy ⊝ Delete		9783598215933	The Marquis and I	250	2022-05-14 15:23:30

2. SELECT * FROM `book` WHERE bookname like '%o%';

☐	🖉 Edit ⋺ Copy ⊝ Delete	9783598215766	His Toy	289	2022-05-14 15:23:30
☐	🖉 Edit ⋺ Copy ⊝ Delete	9783598215919	The Mars Room	199	2022-05-14 15:23:30

3. INSERT INTO `book` (`isbn`, `bookname`, `price`, `created`) VALUES
   ('9783598215787', 'Anna Karina', '599', CURRENT_TIMESTAMP),
   ('9783345215787', 'To Kill a Mockingbird', '430', CURRENT_TIMESTAMP),
   ('9783345215785', 'The Great Gatsby', '390', CURRENT_TIMESTAMP),
   ('9783345216784', 'One Hundred Years of Solitude', '365', CURRENT_TIMESTAMP),
   ('9783345515785', 'A Passage to India', '330', CURRENT_TIMESTAMP),
   ('9783311215785', 'Invisible Man', '199', CURRENT_TIMESTAMP),
   ('9783345565789', 'Don Quixote', '560', CURRENT_TIMESTAMP),
   ('9783388215767', 'Beloved', '295', CURRENT_TIMESTAMP), ('9779345215754',

'Mrs. Dalloway', '345', CURRENT_TIMESTAMP), ('9783345215700', 'Things Fall Apart', '675', CURRENT_TIMESTAMP);

4. SELECT inv_id FROM `sales`;
5. SELECT isbn FROM `sales`;
6. SELECT SUM(price) FROM `sales`;

SUM(price)
3270