# **SQL- Part 3**

| 3. You are the business owner and would like to obtain a sales report for category items and day of the week.   * Write an SQL query to report how many units in each category have been ordered on each day of the week. * Return the result table ordered by category. * The query result format is in the following example: * **Orders table:**  | **order\_id** | **customer\_id** | **order\_date** | **item\_id** | **quantity** | | --- | --- | --- | --- | --- | | 1 | 1 | 2020-06-01 | 1 | 10 | | 2 | 1 | 2020-06-08 | 2 | 10 | | 3 | 2 | 2020-06-02 | 1 | 5 | | 4 | 3 | 2020-06-03 | 3 | 5 | | 5 | 4 | 2020-06-04 | 4 | 1 | | 6 | 4 | 2020-06-05 | 5 | 5 | | 7 | 5 | 2020-06-05 | 1 | 10 | | 8 | 5 | 2020-06-14 | 4 | 5 | | 9 | 5 | 2020-06-21 | 3 | 5 |  * **Items table:**  | **item\_id** | **item\_name** | **item\_category** | | --- | --- | --- | | 1 | LC Alg. Book | Book | | 2 | LC DB. Book | Book | | 3 | LC SmartPhone | Phone | | 4 | LC Phone 2020 | Phone | | 5 | LC SmartGlass | Glasses | | 6 | LC T-Shirt XL | T-Shirt |  * **Result table:**  | **Category** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** | | --- | --- | --- | --- | --- | --- | --- | --- | | **Book** | 20 | 5 | 0 | 0 | 10 | 0 | 0 | | **Glasses** | 0 | 0 | 0 | 0 | 5 | 0 | 0 | | **Phone** | 0 | 0 | 5 | 1 | 0 | 0 | 10 | | **T-Shirt** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

