**Task 6**

**Input:**

PRAGMA table\_info(orders);

SELECT

order\_id,

order\_date,

strftime('%m', order\_date) AS month\_number

FROM orders;

SELECT

strftime('%Y', order\_date) AS year,

strftime('%m', order\_date) AS month

FROM orders

GROUP BY year, month;

SELECT

strftime('%Y', order\_date) AS year,

strftime('%m', order\_date) AS month,

SUM(amount) AS total\_revenue

FROM orders

GROUP BY year, month

ORDER BY year, month;

SELECT

strftime('%Y', order\_date) AS year,

strftime('%m', order\_date) AS month,

SUM(amount) AS total\_revenue,

COUNT(DISTINCT order\_id) AS total\_orders

FROM orders

WHERE order\_date BETWEEN '2025-01-01' AND '2025-02-28'

GROUP BY year, month

ORDER BY year, month;

**Output:**

| **cid** | **name** | **type** | **notnull** | **dflt\_value** | **pk** |
| --- | --- | --- | --- | --- | --- |
| **0** | **order\_id** | **INTEGER** | **0** |  | **1** |
| **1** | **item** | **VARCHAR(100)** | **0** |  | **0** |
| **2** | **amount** | **INTEGER** | **0** |  | **0** |
| **3** | **customer\_id** | **INTEGER** | **0** |  | **0** |
| **4** | **order\_date** | **DATE** | **0** |  | **0** |

| **order\_id** | **order\_date** | **month\_number** |
| --- | --- | --- |
| **1** | **2025-01-05** | **01** |
| **2** | **2025-01-20** | **01** |
| **3** | **2025-02-10** | **02** |
| **4** | **2025-02-15** | **02** |
| **5** | **2025-03-03** | **03** |

| **year** | **month** |
| --- | --- |
| **2025** | **01** |
| **2025** | **02** |
| **2025** | **03** |

| **year** | **month** | **total\_revenue** |
| --- | --- | --- |
| **2025** | **01** | **700** |
| **2025** | **02** | **12400** |
| **2025** | **03** | **250** |

| **year** | **month** | **total\_revenue** | **total\_orders** |
| --- | --- | --- | --- |
| **2025** | **01** | **700** | **2** |
| **2025** | **02** | **12400** | **2** |