

Задание 4 (вариант 07)

1. были созданы таблицы и обозначены связи
2. были заполнены данные командой **INSERT INTO TB (...) VALUES (...)**
3. примеры агрегатных и функциональных запросов к заполненной базе данных

PGAdmin

File Object Tools Help

Object Explorer

Dashboard wirehouse_db/app_user@wirehouse_db* wirehouse_db/app...

wirehouse_db/app_user@wirehouse_db

Query Query History

Scratch Pad

Data Output Messages Notifications

SQL

Id bigint barcode integer article_type integer dimensions integer weight integer product_id integer expired_at date size integer id bigint article_id bigint status_name character varying (64) status_created date

1 23 468121 box (120,80,30) 344 3 2024-11-07 12 26 23 DEPARTURED 2024-02-04

2 22 468121 box (120,80,30) 344 3 2024-11-07 12 25 22 DEPARTURED 2024-02-04

3 21 468121 box (120,80,30) 344 3 2024-11-07 12 24 21 DEPARTURED 2024-02-04

Total rows: 3 of 3 Query complete 00:00:00.123 Ln 5, Col 20

Successfully run. Total query runtime: 123 msec. 3 rows affected.

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Dashboard wirehouse_db/app_user@wirehouse_db* wirehouse_db/app...

wirehouse_db/app_user@wirehouse_db

Query Query History

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Data Output Messages Notifications

SQL

article_id bigint product_name character varying (128)

1 14 Water

2 13 Water

3 12 Water

4 11 Water

5 10 Water

6 9 Water

7 8 Water

8 7 Cookie

9 6 Cookie

Total rows: 14 of 14 Query complete 00:00:00.130 Ln 6, Col 1

Successfully run. Total query runtime: 130 msec. 14 rows affected.

PGAdmin

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Object Explorer

Dashboard wirehouse_db/app_user@wirehouse_db* wirehouse_db/app...

wirehouse_db/app_user@wirehouse_db

Query Query History

Scratch Pad

Data Output Messages Notifications

SQL

article_counts bigint product_name character varying (128)

1 7 Water

2 7 Cookie

Total rows: 2 of 2 Query complete 00:00:00.143 Ln 6, Col 22

Successfully run. Total query runtime: 143 msec. 2 rows affected.

pgAdmin

FileObjectToolsHelp

Dashboardwirehouse_db/app_user@wirehouse_db*wirehouse_db/app_...

Object Explorer

wirehouse_db

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Query Query History

Scratch Pad

-- вывести информацию о товарах для определенного акта приема с обратным порядком срока истечения г
2 SELECT ats.id as act_id, a.*
3 FROM (SELECT * FROM Acts ats WHERE ats.id = 1) as ats
4 LEFT JOIN Attachments ach ON ach.act_id = ats.id
5 LEFT JOIN Articles a ON a.id = ach.article_id
6 ORDER BY a.expired_at DESC;
7

Data Output Messages Notifications

actId bigint id bigint barcode integer article_type article_enum dimensions integer[] weight integer product_id integer expired_at date size integer

1 1 23 468121 box (120,80,30) 344 3 2024-11-07 12
2 1 16 468121 box (120,80,30) 344 3 2024-11-07 12
3 1 17 468121 box (120,80,30) 344 3 2024-11-07 12
4 1 18 468121 box (120,80,30) 344 3 2024-11-07 12
5 1 19 468121 box (120,80,30) 344 3 2024-11-07 12
6 1 20 468121 box (120,80,30) 344 3 2024-11-07 12
7 1 21 468121 box (120,80,30) 344 3 2024-11-07 12
8 1 22 468121 box (120,80,30) 344 3 2024-11-07
9 1 8 228121 bottle (30,30,80) 999 2 2024-11-07

Total rows: 23 of 23 Query complete 00:00:00.143 Ln 6, Col 28

Successfully run. Total query runtime: 143 msec. 23 rows affected.

pgAdmin

FileObjectToolsHelp

Dashboardwirehouse_db/app_user@wirehouse_db*wirehouse_db/app_...

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Query Query History

Scratch Pad

1 SELECT v.* FROM Acts ats
2 LEFT JOIN Vendors v ON v.id = ats.vendor_id
3 WHERE ats.created_at BETWEEN '2024-01-01' AND '2025-01-01'
4 GROUP BY v.id
5 ORDER BY v.id DESC;

Data Output Messages Notifications

id [PK] bigint name character varying (128) address character varying (128) phone character varying (128)

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