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Лабораторная работа № 4

Вариант № 7

Задание 1.

CREATE TABLE accounts (

account_number integer PRIMARY KEY,

person varchar2 (64 CHAR) NOT NULL,

percents number

);

Задание 2.

CREATE SEQUENCE accounts_account_number_seq

 MINVALUE -1200

  MAXVALUE 12

  START WITH 12

  INCREMENT BY -2

  NOCYCLE

  ORDER

  CACHE 20;

Задание 3.

INSERT INTO accounts

VALUES (accounts_account_number_seq.NEXTVAL, 'Ivanov Ivan Ivanovich', 7.5);

Задание 4.

INSERT INTO accounts

SELECT accounts_account_number_seq.NEXTVAL, last_name || ' ' || first_name, 10 FROM HR.employees

Задание 5.

UPDATE accounts SET percents = percents/2

Задание 6.

DELETE FROM accounts

WHERE (percents < 10) AND (percents > 5)

Задание 7.

CREATE VIEW percents_counts AS SELECT DISTINCT percents, count(person) AS pcount FROM accounts group by percents

Задание 8.

WITH manager (employee_id, first_name, last_name, manager_id) AS (

SELECT employee_id, first_name, last_name, manager_id

FROM HR.employees WHERE employee_id = '101'

UNION ALL

SELECT employees.employee_id, employees.first_name, employees.last_name, employees.manager_id

FROM HR.manager JOIN HR.employees ON manager.employee_id = employees.manager_id)

SELECT * FROM HR.manager;

Дополнительное задание 1 (защита)

Измените запрос задания 2 таким образом, чтобы account_number был четным и длина нечетная

DELETE FROM accounts

WHERE (mod(account_number, 2) = 0) AND (mod(length(person), 2) = 1)