Задание 0.

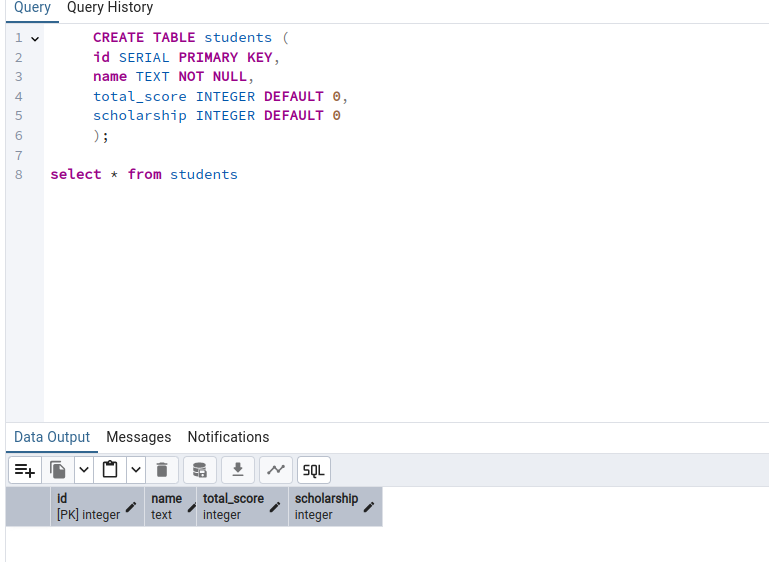
CREATE TABLE students (

id SERIAL PRIMARY KEY,

name TEXT NOT NULL,

total\_score INTEGER DEFAULT 0,

scholarship INTEGER DEFAULT 0

 );

CREATE TABLE activity\_scores (

student\_id INTEGER NOT NULL,

activity\_type TEXT NOT NULL,

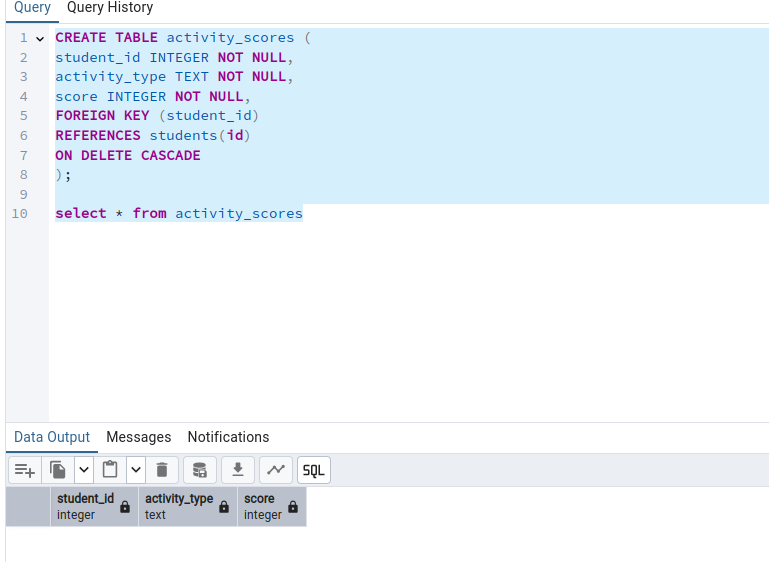
score INTEGER NOT NULL,

FOREIGN KEY (student\_id)

REFERENCES students(id)

ON DELETE CASCADE

);



Задание 1.

1)

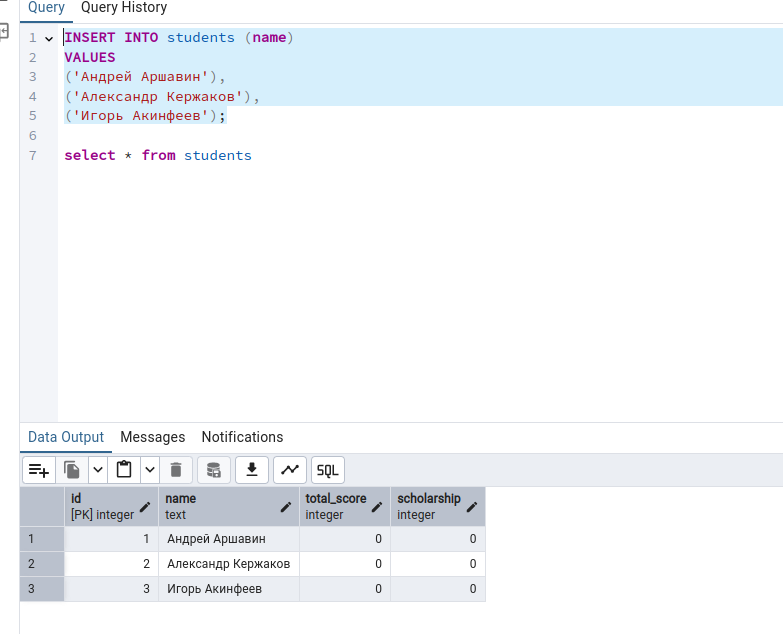
INSERT INTO students (name)

VALUES

('Андрей Аршавин'),

('Александр Кержаков'),

('Игорь Акинфеев');



2) INSERT INTO activity\_scores (student\_id, activity\_type, score) VALUES

(1, 'Домашняя работа', 10),

(1, 'Экзамен', 25),

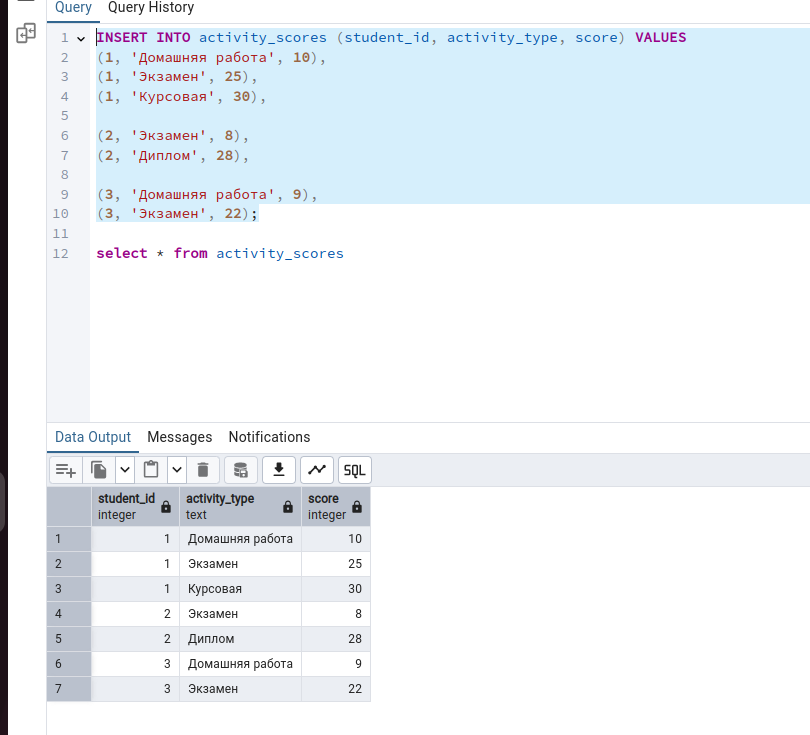
(1, 'Курсовая', 30),

(2, 'Экзамен', 8),

(2, 'Диплом', 28),

(3, 'Домашняя работа', 9),

(3, 'Экзамен', 22);



3)

UPDATE students

SET total\_score = sub.total

FROM (

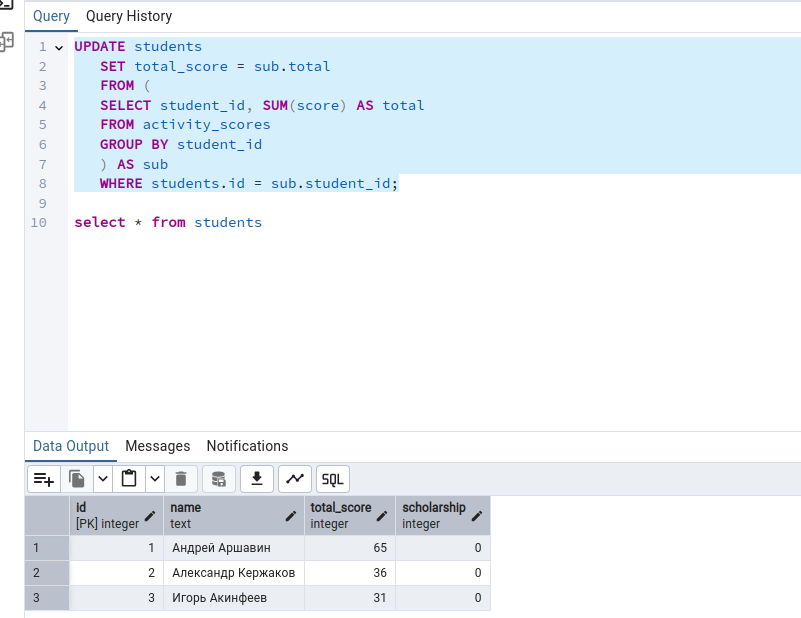
SELECT student\_id, SUM(score) AS total

FROM activity\_scores

GROUP BY student\_id

) AS sub

WHERE students.id = sub.student\_id;



Задание 2.

UPDATE students

SET scholarship =

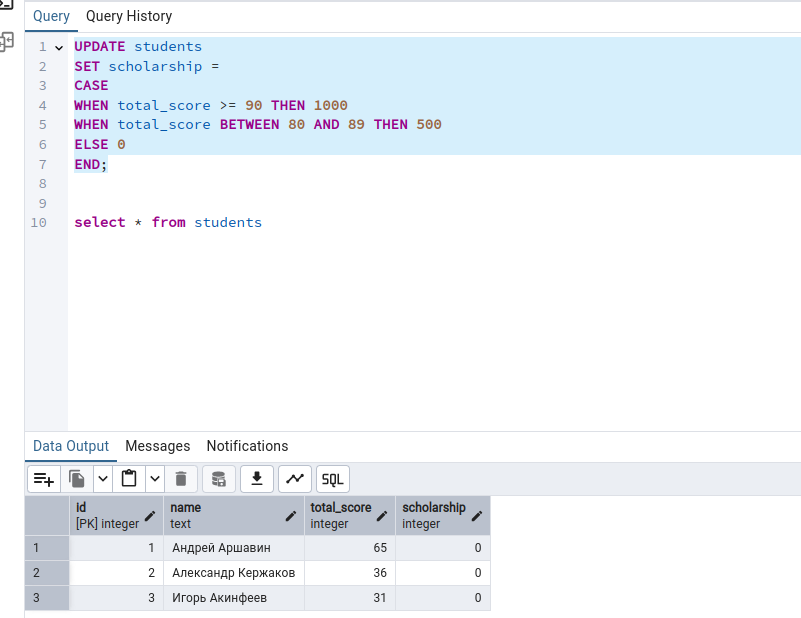
CASE

WHEN total\_score >= 90 THEN 1000

WHEN total\_score BETWEEN 80 AND 89 THEN 500

ELSE 0

END;



Задание 3.

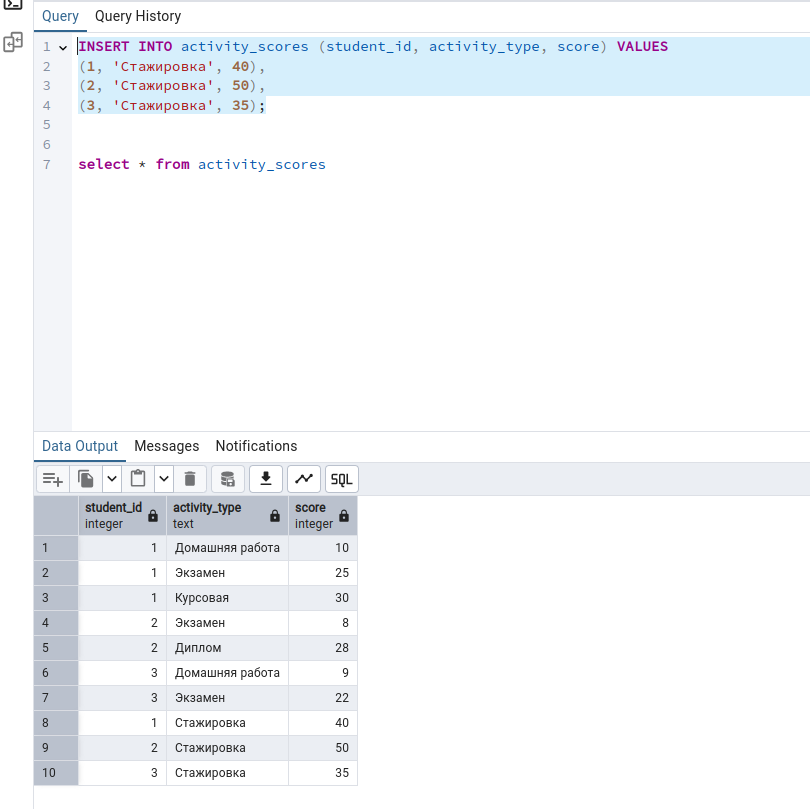
Запрос на добавление:

INSERT INTO activity\_scores (student\_id, activity\_type, score) VALUES

(1, 'Стажировка', 40),

(2, 'Стажировка', 50),

(3, 'Стажировка', 35);



Результат:

