CREATE TABLE IF NOT EXISTS sales (

id SERIAL PRIMARY KEY,

category TEXT NOT NULL,

amount NUMERIC(10,2) NOT NULL

);

INSERT INTO sales (category, amount) VALUES

('books', 25.00),

('books', 18.50),

('electronics', 199.99),

('electronics', 49.99),

('groceries', 12.45);

CREATE OR REPLACE FUNCTION get\_sales\_by\_category()

RETURNS TABLE(category TEXT, total NUMERIC(10,2))

LANGUAGE sql

AS $$

SELECT category, SUM(amount)::NUMERIC(10,2) AS total

FROM sales

GROUP BY category

ORDER BY category;

$$;