Маратулы Темирболат

1. Написать функцию, которая вернёт среднее арифметическое трёх чисел

CREATE OR REPLACE FUNCTION *get\_average\_among\_three\_numbers*(number\_a float, number\_b float, number\_c float)  
 RETURNS float  
AS  
$$  
DECLARE  
 sum\_numbers float;  
 three\_numbers\_amount CONSTANT INT := 3;  
BEGIN  
 sum\_numbers := number\_a + number\_b + number\_c;  
 RETURN sum\_numbers / three\_numbers\_amount;  
END;  
$$ LANGUAGE plpgsql;  
  
SELECT *get\_average\_among\_three\_numbers*(3,5,4) AS average\_value;

Graphical user interface, text, application, chat or text message

Description automatically generated

1. Создайте функцию, которая получит три цифры в качестве параметра, затем количество чисел между первым и вторым параметром, которые кратны третьему параметру.

CREATE OR REPLACE FUNCTION *get\_remainder\_numbers\_quantity\_in\_range*(number\_a INT,number\_b INT,number\_c INT)  
RETURNS INT  
AS $$  
DECLARE  
 min\_number INT;  
 max\_number INT;  
 one\_step CONSTANT INT:=1;  
 counter INT:=0;  
BEGIN  
 IF number\_a > number\_b  
 THEN  
 max\_number := number\_a;  
 min\_number := number\_b;  
 ELSE  
 max\_number := number\_b;  
 min\_number := number\_a;  
 END IF;  
  
 FOR cur\_number IN min\_number..max\_number LOOP  
 IF cur\_number % number\_c = 0  
 THEN  
 counter := counter + one\_step;  
 END IF;  
 END LOOP;  
 RETURN counter;  
END;  
$$ LANGUAGE plpgsql;  
*-- -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 ( -3,0,3,6,9 ) --> 5 ответ*SELECT *get\_remainder\_numbers\_quantity\_in\_range*(-5,10,3) AS number\_of\_remainders;

Graphical user interface

Description automatically generated with medium confidence