**DAY-10**

**--1.Write a function to Calculate the total stock value for a given category:**

**(Stock value=ROUND(SUM(unit\_price \* units\_in\_stock)::DECIMAL, 2)**

**Return data type is DECIMAL(10,2)**

**CREATE OR REPLACE FUNCTION get\_total\_stock\_value(cate\_name TEXT)**

**RETURNS DECIMAL(10,2)**

**AS $$**

**BEGIN**

**RETURN ROUND(**

**(**

**SELECT SUM(unit\_price \* units\_in\_stock)::DECIMAL**

**FROM products p**

**JOIN categories c ON p.category\_id = c.category\_id**

**WHERE c.category\_name = cate\_name**

**), 2**

**);**

**END;**

**$$**

**LANGUAGE plpgsql;**

**SELECT get\_total\_stock\_value('Beverages');**

**OUTPUT:**

**A screenshot of a computer

AI-generated content may be incorrect.**