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-- Task 3: Trigger for CUSTOMER.c_comment
-- 1) Trigger function
CREATE OR REPLACE FUNCTION set_customer_comment()
    RETURNS TRIGGER
LANGUAGE plpgsql AS
$$
BEGIN
    IF NEW.c_comment IS NULL THEN
        NEW.c_comment := 'New customer was created on '
                        || TO_CHAR(CURRENT_DATE, 'YYYY-MM-DD');
    END IF;
    RETURN NEW;
END;
$$;

-- 2) Attach trigger
DROP TRIGGER IF EXISTS trg_set_customer_comment ON customer;
CREATE TRIGGER trg_set_customer_comment
    BEFORE INSERT ON customer
    FOR EACH ROW
    EXECUTE PROCEDURE set_customer_comment();

-- Example insert:
INSERT INTO customer (
    c_custkey, c_name, c_address, c_nationkey,
    c_phone, c_acctbal, c_mktsegment, c_comment
) VALUES (
    9999999, 'Test Cust', '123 Elm St', 1,
    '000-000-0000', 100.00, 'BUILDING', NULL
);

```