SELECT COUNT(password) INTO confirmPasswd FROM customer\_info WHERE password=passwd;

**1-Check Is it New Customer**

CREATE OR REPLACE FUNCTION CheckNewCustomer(uname text) RETURNS integer AS $$

DECLARE

numOfExistance integer;

BEGIN

SELECT COUNT(\*) into numOfExistance FROM customer\_info WHERE username=uname ;

RETURN numOfExistance;

END;

$$LANGUAGE plpgsql;

**2-Logincheck**

CREATE OR REPLACE FUNCTION LoginCheck (uname text, passwd text) RETURNS Boolean AS $$

DECLARE

Count integer;

BEGIN

SELECT CheckNewCustomer(uname) INTO Count;

IF Count = 1

THEN

RETURN true;

ELSE

RETURN false;

END IF;

END;

$$ LANGUAGE plpgsql;

**3- Register Transaction**

CREATE OR REPLACE FUNCTION CustomerRegister (uname text, passwd text,FName text, LName text, email text, phone text)RETURNS Boolean AS $$

DECLARE

count integer;

BEGIN

SELECT CheckNewCustomer(uname) into Count;

If Count = 0

THEN

INSERT INTO customer\_info VALUES (uname,passwd,FName,LName,email,phone);

RETURN true;

ELSE

RETURN false;

END IF;

END;

$$LANGUAGE plpgsql;