

```

--> CREATE OR REPLACE FUNCTION checkPesananSelsai()
    RETURNS trigger AS
    $$
    DECLARE
        dfee      double precision;
        ffee      double precision;
        cid        varchar(50);
        restname   varchar(50);
        restbranch varchar(25);
    BEGIN
        -- check if status = 'Pesanan Selesai'
        IF (NEW.tsid = (SELECT id
                        FROM transaction_status
                        WHERE name = 'Pesanan Selesai')) THEN

            -- get delivery fee
            SELECT deliveryfee, totalfood, courierid
            INTO dfee, ffee, cid
            FROM transaction
            WHERE email = NEW.email
              AND datetime = NEW.datetime;

            -- update courier's RestoPay
            UPDATE transaction_actor
            SET restopay = restopay + dfee
            WHERE email = cid;

            -- get restaurant's pk
            SELECT rname, rbranch
            INTO restname, restbranch
            FROM transaction_food
            WHERE email = NEW.email
              AND datetime = NEW.datetime;

            -- update restaurant's RestoPay
            UPDATE transaction_actor
            SET restopay = restopay + ffee
            WHERE email = (SELECT r.email
                        FROM restaurant r
                        WHERE rname = restname
                          AND rbranch = restbranch);

        END IF;

        RETURN NEW;
    END;
    $$ LANGUAGE plpgsql
[2022-11-21 22:22:07] completed in 29 ms
```

```

--> CREATE OR REPLACE FUNCTION checkUserPassword()
    RETURNS trigger AS
    $$
    BEGIN
        -- check if password contains uppercase and numeric
        IF ((SELECT COUNT(*) FROM REGEXP_MATCHES(NEW.password, '[0-9]', 'g')) < 1)
           OR ((SELECT COUNT(*) FROM REGEXP_MATCHES(NEW.password, '[A-Z]', 'g')) < 1)
        THEN
            RAISE EXCEPTION 'Password harus terdapat minimal 1 huruf kapital dan 1 angka.';
        END IF;
        RETURN NEW;
    END;
    $$ LANGUAGE plpgsql
[2022-11-21 22:03:56] completed in 33 ms
--> CREATE TRIGGER checkUserPasswordTrigger
    AFTER INSERT OR UPDATE
    ON user_acc
    FOR EACH ROW
    EXECUTE PROCEDURE checkUserPassword()
[2022-11-21 21:48:14] completed in 24 ms
```

```

--> CREATE TRIGGER checkRestaurantCategoryTrigger
    BEFORE INSERT
    ON transaction_history
    FOR EACH ROW
    EXECUTE PROCEDURE checkRestaurantCategory()
[2022-11-20 01:07:39] completed in 105 ms
```

```

--> CREATE TRIGGER checkRestaurantCategoryTrigger
    AFTER INSERT
    ON transaction_history
    FOR EACH ROW
    EXECUTE PROCEDURE checkRestaurantCategory()
[2022-11-21 21:03:47] completed in 66 ms
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Courier Awal

38	eprimett16@tumblr.com	4207531361822717	BCA	926569823	3297509	awilshaw2@about.me
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Courier Akhir

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Resto Awal

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Resto Akhir

40	lsandeyv@yellowbook.com	2137850867615788	BRI	543378332	6764889	olowthian1@parallels.com
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