CS2102 Tutorial 7
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1)

```sql
CREATE OR REPLACE FUNCTION reject_engineers_fn()
RETURNS TRIGGER AS $$
BEGIN
    IF (NEW.eid IN (SELECT * FROM Engineers) AND
(TG_OP='INSERT' OR TG_OP='UPDATE')) THEN
        RETURN NULL;
    ELSEIF (TG_OP='DELETE') THEN
        RETURN OLD;
    ELSE
        RETURN NEW;
    END IF;
END
$$ LANGUAGE plpgsql;

CREATE OR REPLACE FUNCTION reject_managers_fn()
RETURNS TRIGGER AS $$
BEGIN
    IF (NEW.eid IN (SELECT * FROM Managers) AND
(TG_OP='INSERT' OR TG_OP='UPDATE')) THEN
        RETURN NULL;
    ELSEIF (TG_OP='DELETE') THEN
        RETURN OLD;
    ELSE
        RETURN NEW;
    END IF;
END
$$ LANGUAGE plpgsql;

CREATE TRIGGER reject_managers
BEFORE INSERT OR UPDATE ON Engineers
FOR EACH ROW EXECUTE FUNCTION reject_managers_fn();

CREATE TRIGGER reject_engineers
BEFORE INSERT OR UPDATE ON Managers
FOR EACH ROW EXECUTE FUNCTION reject_engineers_fn();
```