

SCRIPT FOR IN-CLASS DEMO OF INSTEAD OF TRIGGER – TO UPDATE A VIEW

- Create a view

```
CREATE VIEW ParamountMovies AS
SELECT title, year
FROM Movies
WHERE studioName = 'Paramount';
```

- Create a function that inserts a tuple in the Movies relation.

```
CREATE FUNCTION paramountInsertTrigger()
RETURNS trigger AS $$
BEGIN
    INSERT INTO Movies(title, year, studioName)
    VALUES(New.title, New.year, 'Paramount');
    RETURN NULL;
END;
$$ LANGUAGE plpgsql;
```

- Create Trigger that will be executed for each insert in the view.

```
CREATE TRIGGER ParamountInsert
INSTEAD OF INSERT ON ParamountMovies
FOR EACH ROW EXECUTE PROCEDURE paramountInsertTrigger();
```

- Test the trigger

```
INSERT INTO ParamountMovies
VALUES( 'Star Trek', 1979)
```