**DROP** **TABLE** **IF** **EXISTS** WorkCenters;

**CREATE** **TABLE** WorkCenters (

**id** INT AUTO\_INCREMENT PRIMARY **KEY**,

**name** VARCHAR(100) **NOT** NULL,

**capacity** INT **NOT** NULL

);

DROP TABLE IF EXISTS WorkCenterStats;

CREATE TABLE WorkCenterStats(

totalCapacity INT NOT NULL

);

DELIMITER $$

CREATE TRIGGER before\_workcenters\_insert

BEFORE INSERT

ON WorkCenters FOR EACH ROW

BEGIN

DECLARE rowcount INT;

SELECT COUNT(\*)

INTO rowcount

FROM WorkCenterStats;

IF rowcount > 0 THEN

UPDATE WorkCenterStats

SET totalCapacity = totalCapacity + new.capacity;

ELSE

INSERT INTO WorkCenterStats(totalCapacity)

VALUES(new.capacity);

END IF;

END $$

DELIMITER ;

INSERT INTO WorkCenters(name, capacity)

VALUES('Mold Machine',100);

INSERT INTO WorkCenters(name, capacity)

VALUES('Packing',200);