**TRIGGER TO CATCH ACCIDENTS**

delimiter //  
CREATE TRIGGER tgr\_accident AFTER INSERT ON car\_network  
FOR EACH ROW  
BEGIN  
IF NEW.Accident\_Sensor = 1 then  
INSERT INTO Accident values (NEW.CarNetworkID,NEW.CarIP,NEW.HostName,NEW.Accident\_Sensor);  
END IF;  
END;//  
delimiter ;

**STORED PROCEDURE TO CALCULATE PRIORITY ACCORDING TO DENSITY AND EMERGENCY**

DELIMITER $$  
CREATE PROCEDURE density\_insert()  
BEGIN   
  
drop table if exists temp\_table;  
  
CREATE TEMPORARY TABLE temp\_table AS (  
SELECT CrossingId,LaneType,count(\*) as Density,sum(Emergency) as Urgent FROM Lane\_Car GROUP BY CrossingId,LaneType);  
  
INSERT INTO measure  
select CrossingId,LaneType,Density,Urgent,sysdate() from temp\_table order by Urgent desc,Density desc;  
  
END $$  
DELIMITER ;

**EVENT**

delimiter |

CREATE EVENT e\_daily  
ON SCHEDULE  
AT CURRENT\_TIMESTAMP + INTERVAL 5 second  
COMMENT 'MOVES DATA FROM CURRENT TABLE TO A HISTORICAL TABLE'  
DO  
BEGIN  
SELECT \* FROM measure INTO OUTFILE 'C:\Users\amuly\Desktop\Table entries' FIELDS TERMINATED BY '|' LINES TERMINATED BY '\n';

truncate measure;

call density\_insert;

END |

delimiter ;