TRIGGER

--SA SE FORMEZE JURNALUL DE LOGURI

--ASUPRA TABELEI IMPRIMANTE

CREATE TABLE LAPTOP\_LOG

(LOGS INT PRIMARY KEY IDENTITY(1,1),

LAPTOP\_ID INT NOT NULL ,

MODEL\_ID INT NOT NULL,

VITEZA DECIMAL(4,0) NOT NULL,

HDD DECIMAL(4,0) NOT NULL,

ECRAN INT NOT NULL,

PRET FLOAT NOT NULL ,

RAM DECIMAL(4,0) NOT NULL,

DATA\_MODIFICARII DATE NOT NULL)

CREATE TRIGGER TRR4 ON LAPTOP

AFTER UPDATE

AS

DECLARE @LAPTOP\_ID INT

DECLARE @MODEL\_ID INT

DECLARE @VITEZA DECIMAL(4,0)

DECLARE @HDD DECIMAL(4,0)

DECLARE @ECRAN INT

DECLARE @PRET FLOAT

DECLARE @RAM DECIMAL(4,0)

IF UPDATE(LAPTOP\_ID)

BEGIN

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM DELETED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @ECRAN =(SELECT ECRAN FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

SET @PRET=(SELECT PRET FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(MODEL\_ID)

BEGIN

SET @MODEL\_ID=(SELECT MODEL\_ID FROM DELETED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @ECRAN =(SELECT ECRAN FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

SET @PRET=(SELECT PRET FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(VITEZA)

BEGIN

SET @VITEZA=(SELECT VITEZA FROM DELETED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @ECRAN =(SELECT ECRAN FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

SET @PRET=(SELECT PRET FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(HDD)

BEGIN

SET @HDD=(SELECT HDD FROM DELETED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

SET @ECRAN =(SELECT ECRAN FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

SET @PRET=(SELECT PRET FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(ECRAN)

BEGIN

SET @ECRAN=(SELECT ECRAN FROM DELETED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

SET @PRET=(SELECT PRET FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(PRET)

BEGIN

SET @PRET=(SELECT PRET FROM DELETED)

SET @ECRAN=(SELECT ECRAN FROM INSERTED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

SET @RAM=(SELECT RAM FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

IF UPDATE(RAM)

BEGIN

SET @RAM=(SELECT RAM FROM DELETED)

SET @PRET=(SELECT PRET FROM INSERTED)

SET @ECRAN=(SELECT ECRAN FROM INSERTED)

SET @HDD=(SELECT HDD FROM INSERTED)

SET @VITEZA=(SELECT VITEZA FROM INSERTED)

SET @MODEL\_ID=(SELECT MODEL\_ID FROM INSERTED)

SET @LAPTOP\_ID=(SELECT LAPTOP\_ID FROM INSERTED)

INSERT INTO LAPTOP\_LOG(LAPTOP\_ID,MODEL\_ID,VITEZA,RAM,HDD,ECRAN,PRET,DATA\_MODIFICARII)

VALUES(@LAPTOP\_ID,@MODEL\_ID,@VITEZA,@RAM,@HDD,@ECRAN,@PRET,GETDATE())

END

UPDATE LAPTOP SET VITEZA=3000 WHERE LAPTOP\_ID=1

UPDATE LAPTOP SET PRET=8200 WHERE LAPTOP\_ID=2

