

## 13. Taldea 2. Laborategiaren Txostena

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**OHARRA:** CopyPaste egiten bada Ubuntu Terminalean kontuz komillak desberdin agertzen direlako Terminalean. Aldatu behar dira komanduak ondo exekutatzeko.

### **DBCOIN**

```
CREATE DATABASE DBcoin;
```

```
CREATE USER admDBCOIN IDENTIFIED BY 'igor2020';
```

```
GRANT RELOAD ON *.* TO admDBCOIN; # Hau da flush privileges egin ahal izateko.
```

#### **1) "Transfer" izeneko taula sortu (gako arrotzak definitu barik).**

```
# HASIERAN ADM EZ DU TAULA SORTZEKO BAIMENIK BERAZ EMATEN DIOGU:
```

```
ROOT >
```

```
GRANT CREATE ON *.* TO admDBCOIN;
```

```
admDBCOIN >
```

```
CREATE TABLE TRANSFER(TID INTEGER NOT NULL AUTO_INCREMENT, TDATE DATE,  
TSENDER INTEGER NOT NULL, TRECEIVER INTEGER NOT NULL, TCOIN INTEGER NOT  
NULL, PRIMARY KEY(TID));
```

#### **2) "Owner" eta "Coin" izeneko taulak sortu.**

```
admDBCOIN >
```

```
CREATE TABLE OWNER(OID INTEGER NOT NULL AUTO_INCREMENT, ONAME  
VARCHAR(20) NOT NULL, OEMAIL VARCHAR(20), BALANCE INTEGER, PRIMARY KEY(OID));
```

```
ROOT >
```

```
GRANT REFERENCES ON DBcoin.OWNER TO admDBCOIN;
```

```
ADM --> CREATE TABLE COIN(CID INTEGER NOT NULL AUTO_INCREMENT, COWNER  
INTEGER NOT NULL, CUNITS INTEGER NOT NULL, CVALUE INTEGER, PRIMARY KEY(CID),  
FOREIGN KEY(COWNER) REFERENCES OWNER(OID));
```

### 3) "Transfer" izeneko taularen gako arrotzak sortu.

```
ROOT >
GRANT ALTER ON DBcoin.TRANSFER TO admDBCOIN;
GRANT SELECT(OID) ON DBcoin.OWNER TO admDBCOIN;
GRANT SELECT(CID) ON DBcoin.COIN TO admDBCOIN;
```

```
admDBCOIN >
ALTER TABLE TRANSFER ADD FOREIGN KEY (TSENDER) REFERENCES OWNER(OID);
ALTER TABLE TRANSFER ADD FOREIGN KEY (TRECEIVER) REFERENCES OWNER(OID);
ALTER TABLE TRANSFER ADD FOREIGN KEY (TCOIN) REFERENCES COIN(CID);
```

### 4) "Rippler" izena duen jabe bat sartu "Owner" izeneko taulan.

```
ROOT >
GRANT INSERT (ONAME) ON DBcoin.OWNER TO admDBCOIN;
```

```
admDBCOIN >
INSERT INTO OWNER(ONAME) VALUES ("RIPPLER");
```

### 5) "Ethereum" izena duen beste bezero bat sartu "Owner" izeneko taulan.

```
admDBCOIN >
INSERT INTO OWNER(ONAME) VALUES ("ETHEREUM");
```

### 6) "Rippler" jabeko txanpon berri bat sartu "Coin" izeneko taulan.

```
ROOT >
GRANT INSERT ON DBcoin.COIN TO admDBCOIN;
```

```
admDBCOIN >
INSERT INTO COIN(COWNER, CUNITS) VALUES (1, 1); # 1 DA RIPPLER JABEAREN ID.
```

### 7) "Ethereum" jabeko beste txanpon berri bat sartu "Coin" izeneko taulan.

```
admDBCOIN >
INSERT INTO COIN(COWNER, CUNITS) VALUES(2, 1); # 2 DA ETHEREUM JABEAREN ID.
```

### 8) "Transfer" taulan 2021eko otsailaren 1ean egindako 1. txanponaren (6. urratsean sortutakoa) transferentzia berri bat sartu non "Ethereum" igorlea eta "Ripple" hartzailea diren.

```
ROOT >
GRANT SELECT FROM DBCOIN.COIN TO admDBCOIN;
```

```
GRANT INSERT(TSENDER, TRECEIVER, TCOIN, TDATE) ON DBcoin.TRANSFER TO  
admDBCOIN;
```

```
admDBCOIN >  
INSERT INTO TRANSFER(TSENDER, TRECEIVER, TCOIN, TDATE) VALUES(2, 1, 1,  
'2021-02-01');
```

**9) "Transfer" taulan 2021eko otsailaren 2an egindako 2. txanponaren (7. urratsean sortutakoa) transferentzia berri bat sartu non "Ripple" igorlea eta "Ethereum" hartzailea diren.**

```
admDBCOIN >  
INSERT INTO TRANSFER(TSENDER, TRECEIVER, TCOIN, TDATE) VALUES(1, 2, 2,  
'2021-02-02');
```

**10) Aurreko urratsean gordetako transferentziaren data aldatu 2021eko otsailaren 3 baliora.**

```
ROOT >  
GRANT UPDATE(TDATE) ON DBcoin.TRANSFER TO admDBCOIN;  
GRANT SELECT(TDATE) ON DBcoin.TRANSFER TO admDBCOIN;
```

```
admDBCOIN >  
UPDATE TRANSFER SET TDATE = '2021-02-03' WHERE TDATE = '2021-02-02';
```

**11) "Miser1" eta "Miser2" izeneko MySQL erabiltzaileak sortu.**

```
ROOT >  
GRANT CREATE USER ON *.* TO admDBCOIN;
```

```
admDBCOIN >  
CREATE USER Miser1 IDENTIFIED BY 'miser12020';  
CREATE USER Miser2 IDENTIFIED BY 'miser22020';
```

**12) Laborategian emandako orrian deskribatzen diren baimenak esleitu.**

# GURE TALDEA 13. TALDEA DA, ETA HAUEK DIRA EMANDAKO BAIMENAK:

## **MISER1 ERABILTZAILEARI EMANDAKO BAIMENAK**

### **OWNER TAULAN:**

```
ROOT >  
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >  
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO Mlser1;
```

```
ROOT>  
GRANT INSERT(ONAME, OEMAIL, OBALANCE) ON DBcoin.OWNER TO admDBCOIN WITH  
GRANT OPTION;
```

```
admDBCOIN >  
GRANT INSERT(ONAME, OEMAIL, OBALANCE) ON DBcoin.OWNER TO Mlser1;
```

```
ROOT >  
GRANT UPDATE(OID, ONAME, OBALANCE) ON DBcoin.OWNER TO admDBCOIN WITH  
GRANT OPTION;
```

```
admDBCOIN >  
GRANT UPDATE(OID, ONAME, OBALANCE) ON DBcoin.OWNER TO Mlser1;
```

### **TRANSFER TAULAN:**

```
ROOT >  
GRANT SELECT(TID, TRECEIVER, TCOIN, TDATE) ON DBcoin.TRANSFER TO admDBCOIN  
WITH GRANT OPTION;
```

```
admDBCOIN >  
GRANT SELECT(TID, TRECEIVER, TCOIN, TDATE) ON DBcoin.TRANSFER TO Mlser1;
```

```
ROOT >  
GRANT INSERT ON DBcoin.TRANSFER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >  
GRANT INSERT ON DBcoin.TRANSFER TO Mlser1;
```

```
ROOT >  
GRANT UPDATE ON DBcoin.TRANSFER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >
```

GRANT UPDATE ON DBcoin.TRANSFER TO MIser1;

### **COIN TAULAN:**

ROOT >

GRANT SELECT(COWNER, CUNITS, CVALUE) ON DBcoin.COIN TO admDBCOIN WITH GRANT OPTION;

admDBCOIN >

GRANT SELECT(COWNER, CUNITS, CVALUE) ON DBcoin.COIN TO MIser1;

ROOT >

GRANT INSERT(CID, COWNER, CVALUE) ON DBcoin.COIN TO admDBCOIN WITH GRANT OPTION;

admDBCOIN >

GRANT INSERT(CID, COWNER, CVALUE) ON DBcoin.COIN TO MIser1;

ROOT >

GRANT UPDATE ON DBcoin.COIN TO admDBCOIN WITH GRANT OPTION;

admDBCOIN >

GRANT UPDATE ON DBcoin.COIN TO MIser1;

### **Balantze negatiboa duten jabeen identifikatzailea eta izena lortu .**

ROOT >

GRANT CREATE VIEW ON \*.\* TO admDBCOIN WITH GRANT OPTION;  
GRANT SELECT(ONAME, OID, OBALANCE) ON DBcoin.OWNER TO admDBCOIN WITH GRANT OPTION;

admDBCOIN >

GRANT CREATE VIEW ON \*.\* TO MIser1;  
GRANT SELECT(ONAME, OID, OBALANCE) ON DBcoin.OWNER TO MIser1;

MIser1 >

CREATE VIEW DBcoin.NEGATIBOAKLORTU(OWNERNAME, ID) AS SELECT OID, ONAME  
FROM OWNER WHERE OBALANCE < 0;

### **Jabeen identifikatzailea eta korreoa kontsultatu.**

ROOT >

```
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >
```

```
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO Mlser1;
```

```
Mlser1 >
```

```
CREATE VIEW DBcoin.JABEAKKONTSULTATU AS SELECT OID, OEMAIL FROM OWNER;
```

### **Jabeen balantzea eguneratu bere balioa %10 bat gehienez aldatuz eta identifikatzailea adieraziz.**

```
Delimiter//
```

```
create procedure DBcoin.eguneratu( IN pertzentaia double,IN id int)
```

```
begin update DBcoin.Owner set oBalance=oBalance*pertzentaia where oid=id and  
pertzentaia <1.10 and pertzentaia >0.9
```

```
end//
```

```
delimiter;
```

### **Jabe baten balantzea eguneratu identifikatzailea adieraziz**

```
Delimiter//
```

```
create procedure DBcoin.eguneratu2(IN balance int,IN id int)
```

```
begin update DBcoin.Owner set oBalance=balance where oid=id end//
```

```
delimiter;
```

## **MISER2 ERABILTZAILEARI EMANDAKO BAIMENAK**

### **OWNER TAULAN:**

```
ROOT >
```

```
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >
```

```
GRANT SELECT(OID, OEMAIL) ON DBcoin.OWNER TO Mlser2;
```

```
ROOT >
```

```
GRANT INSERT(OID, ONAME, OEMAIL) ON DBcoin.OWNER TO admDBCOIN WITH GRANT  
OPTION;
```

```
admDBCOIN >
```

```
GRANT INSERT(OID, ONAME, OEMAIL) ON DBcoin.OWNER TO Mlser2;
```

```
ROOT >
```

```
GRANT UPDATE(ONAME, OEMAIL, OBALANCE) ON DBcoin.OWNER TO admDBCOIN WITH  
GRANT OPTION;
```

```
admDBCOIN >  
GRANT UPDATE(ONAME, OEMAIL, OBALANCE) ON DBcoin.OWNER TO MIser2;
```

#### **TRANSFER TAULAN:**

```
ROOT >  
GRANT SELECT ON DBcoin.TRANSFER TO admDBCOIN WITH GRANT OPTION;
```

```
admDBCOIN >  
GRANT SELECT ON DBcoin.TRANSFER TO MIser2;
```

```
ROOT >  
GRANT INSERT(TRECEIVER, TCOIN, TDATE) ON DBcoin.TRANSFER TO admDBCOIN WITH  
GRANT OPTION;
```

```
admDBCOIN >  
GRANT INSERT(TRECEIVER, TCOIN, TDATE) ON DBcoin.TRANSFER TO MIser2;
```

```
ROOT >  
GRANT UPDATE(TID, TSENDER, TRECEIVER) ON DBcoin.TRANSFER TO admDBCOIN WITH  
GRANT OPTION;
```

```
admDBCOIN >  
GRANT UPDATE(TID, TSENDER, TRECEIVER) ON DBcoin.TRANSFER TO MIser2;
```

#### **COIN TAULAN:**

```
ROOT >  
GRANT SELECT(CID, CUNITS, CVALUE) ON DBcoin.COIN TO admDBCOIN WITH GRANT  
OPTION;
```

```
admDBCOIN >  
GRANT SELECT(CID, CUNITS, CVALUE) ON DBcoin.COIN TO MIser2;
```

```
ROOT >  
GRANT INSERT(COWNER, CUNITS) ON DBcoin.COIN TO admDBCOIN WITH GRANT  
OPTION;
```

```
admDBCOIN >  
GRANT INSERT(COWNER, CUNITS) ON DBcoin.COIN TO MIser2;
```

```
ROOT >  
GRANT UPDATE(CID, COWNER, CVALUE) ON DBcoin.COIN TO admDBCOIN WITH GRANT  
OPTION;
```

```
admDBCOIN >  
GRANT UPDATE(CID, COWNER, CVALUE) ON DBcoin.COIN TO MIser2;
```

### **Tansferentzien identifikatzailea eta data kontsultatu.**

ROOT >

```
GRANT SELECT(TID, TDATE) ON DBcoin.TRANSFER TO admDBCOIN WITH GRANT OPTION;  
GRANT CREATE VIEW ON *.* TO admDBCOIN WITH GRANT OPTION;
```

admDBCOIN >

```
GRANT SELECT(TID, TDATE) ON DBcoin.TRANSFER TO MIser2;  
GRANT CREATE VIEW ON *.* TO MIser2;
```

MIser2 >

```
CREATE VIEW DBcoin.TRANSFERENTZIAKKONTSULTATU AS SELECT TID, TDATE FROM  
TRANSFER;
```

### **Igorleek balantze negatiboa duten transferentzien identifikatzailea eta data kontsultatu.**

ROOT >

```
GRANT SELECT(OBALANCE) ON DBcoin.OWNER TO admDBCOIN WITH GRANT OPTION;  
GRANT SELECT(TSENDER ) ON DBcoin.TRANSFER TO admDBCOIN WITH GRANT OPTION;
```

admDBCOIN >

```
GRANT SELECT(OBALANCE) ON DBcoin.OWNER TO MIser2;  
GRANT SELECT(TSENDER ) ON DBcoin.TRANSFER TO MIser2;
```

MIser2 >

```
CREATE VIEW DBcoin.BALANTZENEGATIBOIGORLEAK AS SELECT TID, TDATE FROM  
TRANSFER WHERE
```



# **DBET**

# HASI AURRETIK

ROOT >

CREATE USER admDBET IDENTIFIED BY 'martin2020';

GRANT CREATE ON \*.\* TO admDBET;

GRANT RELOAD ON \*.\* TO admDBCOIN; # Hau da flush privileges egin ahal izateko.

admDBET

CREATE DATABASE DBet;

USE DBet;

## **1.“Bet” izeneko taula sortu (gako arrotzak definitu barik).**

admDBET >

CREATE TABLE BET(BID INTEGER NOT NULL AUTO\_INCREMENT, BGAMBLER INTEGER NOT NULL, BEVENT INTEGER NOT NULL, BAMOUNT INTEGER, BRESULT VARCHAR(20), PRIMARY KEY(BID));

## **2.“Gambler” eta “Event” izeneko taulak sortu.**

admDBET >

CREATE TABLE GAMBLER(GID INTEGER NOT NULL AUTO\_INCREMENT, GNAME VARCHAR(20) NOT NULL, GEMAIL VARCHAR(20), GCREDIT INTEGER, PRIMARY KEY(GID));

CREATE TABLE EVENT(EID INTEGER NOT NULL AUTO\_INCREMENT, ENAME VARCHAR(20) NOT NULL, EDATE DATE, ERESULT VARCHAR(20), PRIMARY KEY(EID));

## **3.“Bet” izeneko taularen gako arrotzak sortu.**

ROOT >

GRANT ALTER ON DBet.BET TO admDBET;

GRANT REFERENCES ON DBet.GAMBLER TO admDBET;

GRANT REFERENCES ON DBet.EVENT TO admDBET;

admDBET >

ALTER TABLE BET ADD FOREIGN KEY(BGAMBLER) REFERENCES GAMBLER(GID);

ALTER TABLE BET ADD FOREIGN KEY(BEVENT) REFERENCES EVENT(EID);

**4. "MacBeth" izena duen apustulari bat sartu "Gambler" izeneko taulan.**

```
ROOT >  
GRANT INSERT(GNAME) ON DBet.GAMBLER TO admDBET;  
  
admDBET >  
INSERT INTO GAMBLER(GNAME) VALUES('MacBeth');
```

**5. "Betty" izena duen beste apustulari bat sartu "Gambler" izeneko taulan.**

```
admDBET >  
INSERT INTO GAMBLER(GNAME) VALUES('Betty');
```

**6. 2021eko otsailaren 1ean ospatuko den eta "SnailRace" izena duen ekitaldi berri bat sartu "Event" izeneko taulan.**

```
ROOT >  
GRANT INSERT(ENAME) ON DBet.EVENT TO admDBET;  
  
admDBET >  
INSERT INTO EVENT(ENAME) VALUES('SnailRace');
```

**7. 2021eko otsailaren 2an ospatuko den eta "CaterpillarFight" izena duen beste ekitaldi berri bat sartu "Event" izeneko taulan.**

```
ROOT >  
GRANT INSERT(ENAME, EDATE) ON DBet.EVENT TO admDBET;  
  
admDBET >  
INSERT INTO EVENT(ENAME, EDATE) VALUES('CaterpillarFight', '2021-02-02');
```

**8. "SnailRace" ekitaldian "MacBeth" apustulariak "Turbo wins" alde egindako apustu berri bat sartu "Bet" izeneko taulan.**

```
ROOT >  
GRANT INSERT(BGAMBLER, BEVENT, BRESULT) ON DBet.BET TO admDBET;  
  
admDBET >  
INSERT INTO BET(BGAMBLER, BEVENT, BRESULT) VALUES(1, 1, 'Turbo Wins');
```

**9. "Caterpillar Fight" ekitaldian "Betty" apustulariak "Butterfly loses" alde egindako apustu berri bat sartu "Bet" izeneko taulan.**

admDBET >

```
INSERT INTO BET(BGAMBLER, BEVENT, BRESULT) VALUES(2, 2, 'Butterfly Loses');
```

**10. "SnailRace" ekitaldiaren data 2021eko otsailaren 3 baliora eguneratu.**

ROOT >

```
GRANT UPDATE(EDATE) ON DBet.EVENT TO admDBET;
```

```
GRANT SELECT(EDATE) ON DBet.EVENT TO admDBET;
```

admDBET >

```
UPDATE SET EDATE = '2021-02-03' WHERE EDATE = '2021-02-02';
```

**11. "LUser1" eta "LUser2" izeneko MySQL erabiltzaileak sortu.**

ROOT >

```
GRANT CREATE USER ON *.* TO admDBET;
```

admDBET >

```
CREATE USER LUser1 IDENTIFIED BY 'luser12020';
```

```
CREATE USER LUser2 IDENTIFIED BY 'luser22020';
```

**12. Laborategian emandako orrian deskribatzen diren baimenak esleitu.**

# GURE TALDEA 13. TALDEA DA, ETA HAUEK DIRA EMANDAKO BAIMENAK:

## **LUSER1 ERABILTZAILEARI EMANDAKO BAIMENAK**

### **GAMBLER TAULAN:**

ROOT >

```
GRANT SELECT ON DBet.GAMBLER TO admDBET WITH GRANT OPTION;
```

admDBET >

```
GRANT SELECT ON DBet.GAMBLER TO LUser1;
```

ROOT >

```
GRANT INSERT(GID, GNAME, GEMAIL) ON DBet.GAMBLER TO admDBET WITH GRANT  
OPTION;
```

```
admDBET >
```

```
GRANT INSERT(GID, GNAME, GEMAIL) ON DBet.GAMBLER TO LUser1;
```

```
ROOT>
```

```
GRANT UPDATE(GNAME, GEMAIL, GCREDIT) ON DBet.GAMBLER TO admDBET WITH  
GRANT OPTION;
```

```
admDBET >
```

```
GRANT UPDATE(GNAME, GEMAIL, GCREDIT) ON DBet.GAMBLER TO LUser1;
```

### **BET TAULAN:**

```
ROOT >
```

```
GRANT SELECT(BID, BEVENT, BAMOUNT, BRESULT) ON DBet.BET TO admDBET WITH  
GRANT OPTION;
```

```
admDBET >
```

```
GRANT SELECT(BID, BEVENT, BAMOUNT, BRESULT) ON DBet.BET TO LUser1;
```

```
ROOT >
```

```
GRANT INSERT(BID, BEVENT, BAMOUNT, BRESULT) ON DBet.BET TO admDBET WITH  
GRANT OPTION;
```

```
admDBET >
```

```
GRANT INSERT(BID, BEVENT, BAMOUNT, BRESULT) ON DBet.BET TO LUser1;
```

```
ROOT >
```

```
GRANT UPDATE ON DBet.BET TO admDBET WITH GRANT OPTION;
```

```
admDBET >
```

```
GRANT UPDATE ON DBet.BET TO LUser1;
```

### **EVENT TAULAN:**

```
ROOT >
```

```
GRANT SELECT(EID, ENAME, ERESULT) ON DBet.EVENT TO admDBET WITH GRANT  
OPTION;
```

```
admDBET >
```

```
GRANT SELECT(EID, ENAME, ERESULT) ON DBet.EVENT TO LUser1;
```

```
ROOT >  
GRANT INSERT ON DBet.EVENT TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT INSERT ON DBet.EVENT TO LUser1;
```

```
ROOT>  
GRANT UPDATE(EID, ERESULT) ON DBet.EVENT TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT UPDATE(EID, ERESULT) ON DBet.EVENT TO LUser1;
```

## **LUSER2 ERABILTZAILEARI EMANDAKO BAIMENAK**

### **GAMBLER TAULAN:**

```
ROOT >  
GRANT SELECT(GID, GNAME, GCREDIT) ON DBet.GAMBLER TO admDBET WITH GRANT  
OPTION;
```

```
admDBET >  
GRANT SELECT(GID, GNAME, GCREDIT) ON DBet.GAMBLER TO LUser2;
```

```
ROOT >  
GRANT INSERT ON DBet.GAMBLER TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT INSERT ON DBet.GAMBLER TO LUser2;
```

```
ROOT>  
GRANT UPDATE(GID, GNAME, GCREDIT) ON DBet.GAMBLER TO admDBET WITH GRANT  
OPTION;
```

```
admDBET >  
GRANT UPDATE(GID, GNAME, GCREDIT) ON DBet.GAMBLER TO LUser2;
```

### **BET TAULAN:**

```
ROOT >  
GRANT SELECT ON DBet.BET TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT SELECT ON DBet.BET TO LUser2;
```

```
ROOT >  
GRANT INSERT(BID, BGAMBLER, BEVENT) ON DBet.BET TO admDBET WITH GRANT  
OPTION;
```

```
admDBET >  
GRANT INSERT(BID, BGAMBLER, BEVENT) ON DBet.BET TO LUser2;
```

```
ROOT >  
GRANT UPDATE(BID, BAMOUNT) ON DBet.BET TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT UPDATE(BID, BAMOUNT) ON DBet.BET TO LUser2;
```

### **EVENT TAULAN:**

```
ROOT >  
GRANT SELECT(EID, ENAME, EDATE) ON DBet.EVENT TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT SELECT(EID, ENAME, EDATE) ON DBet.EVENT TO LUser2;
```

```
ROOT >  
GRANT INSERT(EID, ENAME, EDATE) ON DBet.EVENT TO admDBET WITH GRANT OPTION;
```

```
admDBET >  
GRANT INSERT(EID, ENAME, EDATE) ON DBet.EVENT TO LUser2;
```

```
ROOT>  
GRANT UPDATE ON DBet.EVENT TO admDBET WITH GRANT OPTION;
```

admDBET >

GRANT UPDATE ON DBet.EVENT TO LUser2;

**2021 urtean apusturen bat egin duten apustularien identifikatzailea eta izena kontsultatu.**

CREATE VIEW 2020Transferentziak AS SELECT tId,tSender,tReceiver FROM Transfer WHERE Extract(YEAR from tDate)='2020';