

# **Adatbázisrendszerek II.**

10. gyakorlat jegyzőkönyv

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## **Táblák létrehozása:**

```
create table Naplo5(Esemeny varchar(20), Adat varchar(100), Datum timestamp);
```

```
create table Vasarlo(vID char(3), nev varchar2(30), cim varchar(30), fizmod number(3,0));
```

```
create or replace trigger TB after insert on Vasarlo for each row
```

```
begin
```

```
insert into Naplo5 values('insert', :new.vID || '_' || :new.nev || '_' || :new.cim, sysdate);
```

```
end;
```

```
insert into vasarlo values('v01', 'Kék alma', 'Mc. Kék u.12', 2);
```

```
insert into vasarlo values('v02', 'Zöld Gabi', 'Mc. Hó u.72', 3);
```

```
insert into vasarlo values('v03', 'Fekete Ferenc', 'Mc. Kőu u.25', 1);
```

```
insert into vasarlo values('v09', 'Hó Manó', 'Nyék Tóu u.74', 2);
```

```
insert into vasarlo values('v10', 'Ká Rozi', 'Nyék Kau u.5', 3);
```

## **Trigger létrehozása, módosítás:**

```
create or replace trigger TM after update on Vasarlo for each row
```

```
begin
```

```
insert into Naplo5 values('Módosítás: ', :new.vID || '_' || :old.vID || ',_' || :new.nev || '_' || :old.nev || ',_' || :new.cim || '_' || :old.cim || ',_' || :new.fizmod || '_' || :old.fizmod, sysdate);
```

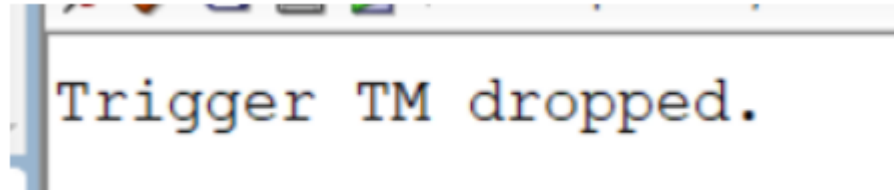
```
end;
```

```
update vasarlo set nev = 'Kő Rozi' where vID = 'v10';
```

```
update vasarlo set nev = 'Tél Apó' where vID = 'v09';
```

### **‘TM’ Trigger törlése:**

```
drop trigger TM;
```



Trigger TM dropped.

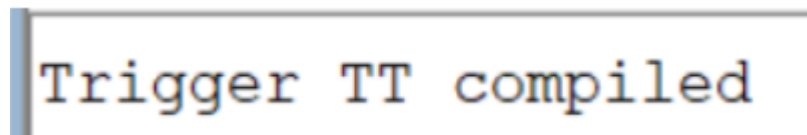
### **‘TT’ Trigger létrehozása:**

```
create or replace trigger TT after delete on Vasarlo for each row
```

```
begin
```

```
insert into Naplo5 values('Törlés: ', :old.vID || '_' || user ,sysdate);
```

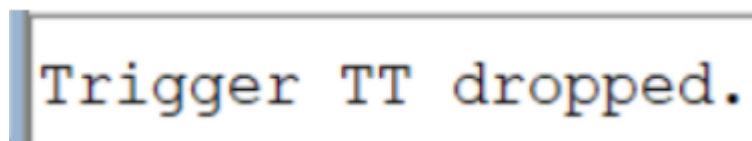
```
end;
```



Trigger TT compiled

### **‘TT’ Trigger törlése:**

```
drop trigger TT;
```



Trigger TT dropped.

## **Termék tábla létrehozása:**

```
create table Termek(tkod char(3), nev varchar(20), ar number(38,0),  
leiras varchar2(20), kategoria char(3) );
```

```
insert into termek values('t01', 'Sör', 200, 'Világos', 'k02');  
insert into termek values('t02', 'Bor', 200, 'Vörös', 'k02');  
insert into termek values('t06', 'Csissz', 300, 'Sajtos', 'k01');  
insert into termek values('t04', 'Zsír', 100, 'Disznó', 'k01');  
insert into termek values('t05', 'Paprika', 100, 'Zöld', 'k01');  
insert into termek values('t03', 'Zsömle', 20, 'Kerek', 'k01');
```