

# Oplossing oef. 5.9.1: TEAMS



```
-- nieuwe database TEAMS maken
```

```
create database TEAMS
```

```
-- naar deze database navigeren
```

```
use TEAMS
```

# Oplossing oef. 5.9.1: TEAMS

```
--CREATE TABLE SPELERS
```

```
CREATE TABLE spelers
```

```
(spnr      int          CONSTRAINT sp_pk          PRIMARY KEY
,naam      varchar(20)  CONSTRAINT sp_naam_nn      NOT NULL
,voorl     char(3)
,gesl      char(1)      default 'M'
                                CONSTRAINT sp_gesl_nn      NOT NULL
,gebdatum  datetime    CONSTRAINT sp_gebdatum_nn  NOT NULL
,ploegnr   int
)
```

# Oplossing oef. 5.9.1: TEAMS

```
-- CREATE TABLE TEAMS with IDENTITY
```

```
CREATE TABLE teams
```

```
(tnr          INT          CONSTRAINT tm_pk          PRIMARY KEY
```

```
,naam        varchar(20)  CONSTRAINT tm_naam_chkUPPER  
                                CHECK(naam = upper(naam)),
```

```
                                CONSTRAINT tm_naam_chkLEN  
                                CHECK(len(naam) > 2)
```

```
,kapitein    int          CONSTRAINT tm_kap_nn      NOT NULL
```

```
                                CONSTRAINT tm_kap_fk  REFERENCES spelers
```

```
)
```

# Oplossing oef. 5.9.1: TEAMS



```
-- CREATE REFERENCE SPELERS.ploegnr --> TEAMS.tnr  
ALTER TABLE spelers  
add constraint sp_ploegnr_fk foreign key(ploegnr)  
references teams
```

# Oplossing oef. 5.9.1: TEAMS



```
-- CREATE TABLE BOETES
```

```
CREATE TABLE boetes
```

```
(bnr          INT          identity(1,1) CONSTRAINT bo_PK PRIMARY KEY
,spnr         int          CONSTRAINT bo_spnr_fk REFERENCES spelers
,datum        datetime     CONSTRAINT bo_datum_nn  NOT NULL
,bedrag       decimal(7,2)  CONSTRAINT bo_bedrag_nn NOT NULL
)
```

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```
alter table spelers
drop constraint sp_ploegnr_fk

insert into spelers values(10000, 'Haesen', 'JK', 'M', '17-FEB-1989', 3);
insert into spelers values(90030, 'Eerdekens', 'DMV', 'M', '25-APR-1991', 1);
insert into spelers values(10010, 'Lahon', 'G', 'M', '01-JAN-1995', 2);
insert into spelers values(10020, 'Kusters', 'P', 'M', '15-MAR-1990', 5);
insert into spelers values(10030, 'Max', 'BR', 'M', '04-MAY-1989', 5);
insert into spelers values(90020, 'Noten', 'AP', 'M', '23-JUN-1991', 3);
insert into spelers values(90050, 'Peels', 'V', 'M', '05-AUG-1987', 2);
insert into spelers values(10040, 'Colijn', 'AB', 'M', '11-JUL-1990', 2);
insert into spelers values(90010, 'Slingers', 'L', 'M', '27-SEP-1983', 2);
insert into spelers values(90005, 'Pauwels', 'JK', 'M', '17-NOV-1992', 2);
insert into spelers values(10045, 'Knevels', 'T', 'M', '26-OCT-1986', 2);
insert into spelers values(10050, 'Vossen', 'CG', 'M', '07-MAY-1984', 2);
```

# Oplossing oef. 5.9.1: TEAMS: vullen maar!

```
insert into teams values (1, 'TEAM SPIRIT', 90020);
insert into teams values (2, 'DUCAMPS', 90030);
insert into teams values (3, 'A.A.C SANA', 90050);
insert into teams values (4, 'TEAM APOLLO', 90010);
insert into teams values (5, 'A.M.P. BRITEL', 90005);
```

```
alter table spelers
addconstraint sp_ploegnr_fk foreign key(ploegnr) references teams
```

```
insert into boetes values (10020, '15-JAN-2020', 5000);
insert into boetes values (10045, '29-MAR-2020', 13500.5);
insert into boetes values (10020, '07-NOV-2020', 4550);
```