

```

---Query 1
use [2ndGroupBintsarouskiLR7]
CREATE TABLE STUDENTS_22
(
    SNUM bigint primary key,
    SFAM nvarchar(50),
    SIMA nvarchar(50),
    SOTCH nvarchar(50),
    STIP int default 50
)
GO

```

```

---Query 2
use [2ndGroupBintsarouskiLR7]
ALTER TABLE STUDENTS_22
ADD COURSE int,
    TELEPHONE nvarchar(15)
GO

```

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---Query 3
use [2ndGroupBintsarouskiLR7]
ALTER TABLE STUDENTS_22
DROP COLUMN COURSE,
    TELEPHONE
GO

```

```

---Query 4
use [2ndGroupBintsarouskiLR7]
CREATE INDEX FAMIND
ON STUDENTS_22 (SFAM);
GO

```

```

---Query 5
use [2ndGroupBintsarouskiLR7]
CREATE TABLE PREDMET_22
(
    PNUM smallint,
    PNAME nvarchar(20),
    TNUM int,
    HOURS smallint,
    COURSE tinyint

```

```

);
CREATE TABLE TEACHERS_22
(
    TNUM int,
    TFAM nvarchar(20),
    TIMA nvarchar(10),
    TOTCH nvarchar(15),
    TDATE datetime
);
CREATE TABLE USP_22
(
    UNUM int,
    OCENKA tinyint,
    UDATE smalldatetime,
    SNUM int,
    PNUM smallint
);
GO
---

---Query 6.1
use [2ndGroupBintsarouskiLR7]
ALTER TABLE PREDMET_22
ALTER COLUMN PNUM smallint NOT NULL;

ALTER TABLE STUDENTS_22
ALTER COLUMN SNUM bigint NOT NULL;

ALTER TABLE TEACHERS_22
ALTER COLUMN TNUM int NOT NULL;

ALTER TABLE USP_22
ALTER COLUMN UNUM int NOT NULL;
GO
---

---Query 6.2
use [2ndGroupBintsarouskiLR7]
ALTER TABLE TEACHERS_22
ADD PRIMARY KEY (TNUM)

ALTER TABLE USP_22
ADD PRIMARY KEY (UNUM)

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ALTER TABLE PREDMET_22
ADD PRIMARY KEY (PNUM);
GO
---

---Query 7
INSERT INTO [2ndGroupBintsarouskiLR7].dbo.STUDENTS_22
    (SNUM,SFAM,SIMA,SOTCH,STIP)
SELECT *
FROM [2ndGroupBintsarouskiLR7].dbo.STUDENTS
WHERE SNUM = ANY(
    SELECT A.SNUM
FROM [2ndGroupBintsarouskiLR7].dbo.USP A
GROUP BY A.SNUM
HAVING count(A.SNUM) = (
    SELECT COUNT(B.SNUM)
FROM [2ndGroupBintsarouskiLR7].dbo.USP B
WHERE B.OCENKA = 5 AND A.SNUM = B.SNUM
)
)
GO
---

---Query 8
INSERT INTO [2ndGroupBintsarouskiLR7].dbo.STUDENTS_22
    (SNUM,SFAM,SIMA,SOTCH,STIP)
    SELECT *
    FROM [2ndGroupBintsarouskiLR7].dbo.STUDENTS
EXCEPT
    SELECT *
    FROM [2ndGroupBintsarouskiLR7].dbo.STUDENTS
    WHERE SNUM = ANY(
    SELECT A.SNUM
    FROM [2ndGroupBintsarouskiLR7].dbo.USP A
    GROUP BY A.SNUM
    HAVING count(A.SNUM) = (
    SELECT COUNT(B.SNUM)
    FROM [2ndGroupBintsarouskiLR7].dbo.USP B
    WHERE B.OCENKA = 5 AND A.SNUM = B.SNUM
    )
    )
)

INSERT INTO [2ndGroupBintsarouskiLR7].dbo.PREDMET_22
    (PNUM,PNAME,TNUM,HOURS,COURSE)

```

```

SELECT *
FROM [2ndGroupBintsarouskiLR7].dbo.PREDMET

INSERT INTO [2ndGroupBintsarouskiLR7].dbo.TEACHERS_22
    (TNUM,TFAM,TIMA,TOTCH,TDATE)

SELECT *
FROM [2ndGroupBintsarouskiLR7].dbo.TEACHERS

INSERT INTO [2ndGroupBintsarouskiLR7].dbo.USB_22
    (UNUM,OCENKA,UDATE,SNUM,PNUM)

SELECT *
FROM [2ndGroupBintsarouskiLR7].dbo.USB

GO
---
```

---Query 9

```

use [2ndGroupBintsarouskiLR7]
alter table USB_22
add foreign key(PNUM) references PREDMET_22(PNUM) on delete cascade on update
cascade,
foreign key(SNUM) references STUDENTS_22(SNUM) on delete cascade on update cascade

alter table PREDMET_22
add foreign key(TNUM) references TEACHERS_22(TNUM) on delete cascade on update
cascade

GO
---
```

---Query 10

```

USE [2ndGroupBintsarouskiLR7]
ALTER TABLE USB_22 WITH NOCHECK
ADD CONSTRAINT CHECKINGDATE CHECK(UDATE < GETDATE())

GO
---
```

---Query 11

```

USE [2ndGroupBintsarouskiLR7]
ALTER TABLE PREDMET_22
ADD CONSTRAINT CHECK_PREDMET_IN CHECK(PNAME IN ('Физика', 'Химия', 'Математика',
'Экономика', 'Философия'))

GO
---
```