**Создание таблиц** **School и Student:**

CREATE TABLE School(

Sch\_Id NUMBER NOT NULL,

SchoolNumber NUMBER,

SchoolType VARCHAR2(100),

Status VARCHAR2(25),

CONSTRAINT School\_pk PRIMARY KEY(Sch\_Id)

);

CREATE TABLE Student(

Student\_Id NUMBER NOT NULL,

Name VARCHAR2(50),

School\_Id NUMBER,

Age NUMBER,

CONSTRAINT Student\_pk PRIMARY KEY(Student\_Id),

CONSTRAINT Student\_School\_fk FOREIGN KEY (School\_Id) REFERENCES School (Sch\_Id)

);

**Заполнение таблиц:**

INSERT INTO School VALUES ('1','70','High school','Open');

INSERT INTO School VALUES ('2','80','Secondary school','Closed');

INSERT INTO School VALUES ('3','91','Elementary school','Open');

INSERT INTO School VALUES ('4','89','Secondary school','Open');

INSERT INTO School VALUES ('5','88','High school','Closed');

INSERT INTO Student VALUES ('1','Ilya','1','21');

INSERT INTO Student VALUES ('2','Maksim','4','18');

INSERT INTO Student VALUES ('3','Konstantin','2','23');

INSERT INTO Student VALUES ('4','Anton','5','21');

INSERT INTO Student VALUES ('5','Vsevolod','2','20');

**Запросы к таблицам**

* SELECT Name FROM Student WHERE (AGE BETWEEN 21 AND 23) AND (NAME <> 'Anton');
* DELETE FROM Student WHERE NAME = 'Maksim';
* INSERT INTO Student VALUES ('2','Alex','3','19');
* UPDATE Student SET Age = AGE+1 WHERE Age > 20;

**Создание таблиц People, PeopleParent, EduInfo:**

CREATE TABLE People(

Peo\_Id NUMBER NOT NULL,

Name VARCHAR2(50),

School\_Id NUMBER,

Age NUMBER,

CONSTRAINT People\_pk PRIMARY KEY(Peo\_Id),

CONSTRAINT People\_School\_fk FOREIGN KEY (School\_Id) REFERENCES School (Sch\_Id)

);

CREATE TABLE PeopleParent(

PP\_Id NUMBER NOT NULL,

People\_Id NUMBER,

Parent\_Id NUMBER,

GenderParents VARCHAR2(50),

CONSTRAINT PeopleParent\_pk PRIMARY KEY(PP\_Id),

CONSTRAINT PeopleParent\_People\_fk FOREIGN KEY (People\_Id) REFERENCES People (Peo\_Id)

);

CREATE TABLE EduInfo(

EduInfo\_Id NUMBER NOT NULL,

People\_Id NUMBER,

School\_Id NUMBER,

EndStudying DATE,

CONSTRAINT EduInfo\_pk PRIMARY KEY(EduInfo\_Id),

CONSTRAINT EduInfo\_People\_fk FOREIGN KEY (People\_Id) REFERENCES People (Peo\_Id),

CONSTRAINT EduInfo\_School\_fk FOREIGN KEY (School\_Id) REFERENCES School (Sch\_Id)

);

**Заполнение таблиц:**

INSERT INTO People VALUES ('1','Lena','1','21');

INSERT INTO People VALUES ('2','Maksim','4','18');

INSERT INTO People VALUES ('3','Konstantin','2','23');

INSERT INTO People VALUES ('4','Maria','5','21');

INSERT INTO People VALUES ('5','Vsevolod','2','20');

INSERT INTO PeopleParent VALUES ('1','2','5','Male');

INSERT INTO PeopleParent VALUES ('2','1','4','Female');

INSERT INTO PeopleParent VALUES ('3','3',NULL,'Male');

INSERT INTO PeopleParent VALUES ('4','1','3','Male');

INSERT INTO PeopleParent VALUES ('5','2','1','Female');

INSERT INTO EduInfo VALUES ('1','1','3',TO\_DATE('09/01/1995','dd.mm.yyyy'));

INSERT INTO EduInfo VALUES ('2','2','5',NULL);

INSERT INTO EduInfo VALUES ('3','1','4',TO\_DATE('16/04/2005','dd.mm.yyyy'));

INSERT INTO EduInfo VALUES ('4','5','2',TO\_DATE('09/05/2006','dd.mm.yyyy'));

INSERT INTO EduInfo VALUES ('5','4','3',TO\_DATE('25/10/1985','dd.mm.yyyy'));

**Запросы к таблицам:**

SELECT PEOPLE.NAME FROM PEOPLE

JOIN SCHOOL ON PEOPLE.SCHOOL\_ID = SCHOOL.SCH\_ID

WHERE (SCHOOL.SCHOOLTYPE = 'Elementary school');