1. Description

Student:

- id: varchar2(10)

- name: varchar2(20)

- surname: varchar(20)

- study\_year: number(1,0)

- department: number(2,0)

- primary key: id

Teacher:

- id: varchar2(10)

- name: varchar2(20)

- surname: varchar(20)

- salary: number(7,2)

- department: number(2,0)

- primary key: id

Course:

- id: varchar2(10)

- teacher\_id: varchar2(10)

- credits: number(2,0)

+ name: varchar2(30)

- primary key: id

Department:

- id: number(2,0)

- name: varchar2(20)

- faculty: varchar2(5)

- primary key: id

Student\_Course:

- student id: varchar2(10)

- course id: varchar2(10)

- primary key: student id, course id

+ DROP TABLE

1. Commands & Tables

|  |
| --- |
| DEPARTMENT |
| create table "DEPARTMENT" (      "ID"        number(2, 0),      "NAME"      varchar2(20),      "FACULTY"   varchar2(5),      constraint "DEPARTMENT\_PK" primary key ("ID") using index enable  ) |
| STUDENT |
| create table "STUDENT" (      "ID"            varchar2(10),      "NAME"          varchar2(20),      "SURNAME"       varchar2(20),      "STUDY\_YEAR"    number(1, 0),      "DEPARTMENT"    number(2, 0),      constraint "STUDENT\_PK" primary key ("ID") using index enable,      constraint "STUDY\_YEAR\_CK" check (1 <= STUDY\_YEAR and STUDY\_YEAR <= 7) enable  ) |
| TEACHER |
| create table "TEACHER" (      "ID"            varchar2(10),      "NAME"          varchar2(20),      "SURNAME"       varchar2(20),      "BASE\_SALARY"   number(7, 2),      "DEPARTMENT"    number(2, 0),      constraint "TECHER\_PK" primary key ("ID") using index enable,      constraint "BASE\_SALARY\_CK" check (BASE\_SALARY >= 0) enable  ) |
| COURSE |
| create table "COURSE" (      "ID"            varchar2(10),      "TEACHER\_ID"    varchar2(10),      "CREDITS"       number(2, 0),      constraint "COURSE\_PK" primary key ("ID") using index enable  ) |
| STUDENT\_COURSE |
| create table "STUDENT\_COURSE" (      "STUDENT\_ID"    varchar2(10),      "COURSE\_ID"     varchar2(10),      constraint "STUDENT\_COURSE\_PK" primary key ("STUDENT\_ID", "COURSE\_ID") using index enable  ) |

1. Alter Table

alter table "COURSE" add "NAME" varchar2(30)

1. Delete Table

drop table "STUDENT\_COURSE"