1. CREATE TABLE `sutdent` (

`id` int(0) NOT NULL AUTO\_INCREMENT,

`name` varchar(20) CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NOT NULL,

`sex` varchar(4) CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NULL DEFAULT NULL,

`birth` year NULL DEFAULT NULL,

`department` varchar(20) CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NOT NULL,

`address` varchar(50) CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NULL DEFAULT NULL,

PRIMARY KEY (`id`) USING BTREE

) ENGINE = InnoDB CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_general\_ci ROW\_FORMAT = Dynamic;

DROP TABLE IF EXISTS `score`;

CREATE TABLE `score` (

`id` int(0) NOT NULL AUTO\_INCREMENT,

`stu\_id` int(0) NOT NULL,

`c\_name` varchar(20) CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NULL DEFAULT NULL,

`grade` int(0) NULL DEFAULT NULL,

PRIMARY KEY (`id`) USING BTREE

) ENGINE = InnoDB CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_general\_ci ROW\_FORMAT = Dynamic;

2.

INSERT INTO sutdent VALUES ( 901,'张老大','男',1985,'计算机系','北京市海淀区');

INSERT INTO sutdent VALUES ( 902,'张老二', '男',1986,'中文系', '北京市昌平区');

INSERT INTO sutdent VALUES ( 903,'张三', '女',1990,'中文系', '湖南省永州市');

INSERT INTO sutdent VALUES ( 904,'李四', '男',1990,'英语系', '辽宁省阜新市');

INSERT INTO sutdent VALUES ( 905,'王五', '女',1991,'英语系', '福建省厦门市');

INSERT INTO sutdent VALUES ( 906,'王六', '男',1988,'计算机系', '湖南省衡阳市');

INSERT into score VALUES(1,901,'计算机',98);

INSERT into score VALUES(2,901,'英语', 80);

INSERT into score VALUES(3,902,'计算机',65);

INSERT into score VALUES(4,902,'中文',88);

INSERT into score VALUES(5,903,'中文',95);

INSERT into score VALUES(6,904,'计算机',70);

INSERT into score VALUES(7,904,'英语',92);

INSERT into score VALUES(8,905,'英语',94);

INSERT into score VALUES(9,906,'计算机',90);

INSERT into score VALUES(10,906,'英语',85);

3.

SELECT \* FROM sutdent WHERE sutdent.department IN ('计算机系','英语系');

4.

SELECT \* FROM sutdent WHERE sutdent.birth BETWEEN 2001 AND 2005;

5.

select department, count(department) from student group by department;

6.

SELECT c\_name, MAX(grade) FROM score GROUP BY score.c\_name ;

7.

SELECT sutdent.`name`,score.c\_name,score.grade FROM sutdent,score WHERE sutdent.id=score.stu\_id AND sutdent.`name`='李四';

8.

SELECT `name`,SUM(grade) FROM sutdent,score WHERE sutdent.id=score.stu\_id GROUP BY `name` ;

9.

select c\_name, avg(grade) from score group by c\_name;

10

select a.name,b.c\_name,b.grade from sutdent a left join score b on a.id=b.stu\_id where c\_name='计算机' and grade <95;

11.

select a.\*,b.c\_name from sutdent a left join score b on a.id=b.stu\_id where c\_name regexp '(计算机|英语)';

12.

SELECT a.`name`,b.c\_name"科目" ,b.grade"成绩" FROM sutdent a LEFT JOIN score b on a.id=b.stu\_id WHERE c\_name='计算机' ORDER BY grade DESC;

13.

SELECT a.\* ,b.\* FROM sutdent a LEFT JOIN score b ON a.id=b.stu\_id WHERE a.`name` LIKE '张%' OR a.`name` LIKE '王%';

14.

select a.\*,b.\* FROM sutdent a LEFT JOIN score b ON a.id=b.stu\_id WHERE a.address LIKE '湖南%';

15.

DELETE FROM sutdent WHERE `name`='张三';

16.

UPDATE score SET grade=90 WHERE stu\_id=904 AND c\_name='计算机';