# 1.准备数据，

## 1.我使用qd22数据库

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## 2.为了方便以后编程，我们把项目初始化，yarn init -y

## 3.新建一个项目：MySQL-demo1，可以将上面的语句写入一个students.qsl和classes.sql脚本文件，然后在脚本所在目录乱码打开一个cmd窗口登录mysql，然后使用命令source students.sql和source classes.dql来创建数据表和插入记录

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### students.sql的内容如下

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| drop database if exists qd22;  create database qd22 charset=utf8;  use qd22;  create table if not exists students(      id int unsigned primary key auto\_increment not null,      name varchar(20) default '',      age tinyint unsigned default 0,      height decimal(5,2),      gender enum('男','女','中间','保密') default '保密',      cls\_id int unsigned default 0,      is\_deleted bit default 0  );  insert into students values(0,'小明',18,170.22,1,1,0);  insert into students values(0,'Mary',18,160.30,2,2,0);  insert into students values(0,'小英',16,170.00,4,1,0);  insert into students values(0,'Lucy',18,164.00,4,2,0);  insert into students values(0,'林俊杰',20,170.00,1,3,0);  insert into students values(0,'赵丽颖',19,165.00,2,2,0);  insert into students values(0,'马福亚',17,173.00,2,3,0);  insert into students values(0,'李琦',17,171.22,3,1,0);  insert into students values(0,'林心如',20,167.00,2,2,0);  insert into students values(0,'展昭',19,175.00,1,1,0);  insert into students values(0,'长孙无忌',17,182.00,1,1,0);  insert into students values(0,'孙小小',17,179.22,4,2,0);  insert into students values(0,'李国华',15,177.00,1,3,0);  insert into students values(0,'貂蝉',14,null,2,2,0);  insert into students values(0,'孙悟空',16,182.00,1,1,0);  insert into students values(0,'叶子楣',17,170.22,2,2,0);  insert into students values(0,'Linda',14,155.22,2,2,0);  insert into students values(0,'Tracy',13,158.22,2,2,0);  insert into students values(0,'布兰妮',12,170.22,2,2,0); |

### classes.sql的内容如下

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| use qd22;  create table if not exists classes(    id int unsigned primary key auto\_increment not null,     name varchar(30) not null  );  insert into classes values(0,'前端1期'),(0,'前端2期'); |

### 这两个文件都使用gbk编码。貌似只能在cmd窗口中操作，在vscode的终端中没有效果

# 2.一些查询练习，基本查询

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# 3.条件查询：比较运算符和逻辑运算符

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# 4.模糊查询

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# 5.范围查询p154

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# 6.排序查询

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# 7.聚合函数

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## 注意：聚合函数不会把null计算进去，所有有时候我们需要手动计算

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# 8.分组查询

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# 9.分页查询

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# 10.连接查询

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# 11.子查询

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# 为了方便学习我们把上面的程序命令写到一个叫做

# query-students.sql文件中，内容如下

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