

```
select top 3 * from student
```

```
select sno, sname, 'Brith Year' as BIRTH, 2018-sage YYYY from student#(有没有as都行)
```

```
select 2+3
```

```
SELECT DISTINCT SAGE, SSEX FROM STUDENT
```

```
SELECT * FROM SC
```

```
SELECT * FROM SC WHERE GRADE<85
```

```
SELECT SNO FROM SC WHERE GRADE<85
```

```
SELECT * FROM SC
```

```
WHERE SNO='200215122' AND GRADE<85
```

```
SELECT * FROM STUDENT
```

```
WHERE (SSEX='男' and sage>=20)
```

```
or(ssex='女' and sage>=18)
```

```
SELECT * FROM STUDENT
```

```
WHERE not((SSEX='男' and sage>=20)
```

```
or(ssex='女' and sage>=18))
```

```
SELECT * FROM sc
```

```
--WHERE GRADE>=85 AND GRADE<=90
```

```
WHERE GRADE BETWEEN 85 AND 90
```

注：小数在前

```
SELECT * FROM sc
```

```
WHERE not (grade>=85 and grade <=90)
```

```
--where grade not between 85 and 90
```

```
SELECT * FROM sc
```

```
where grade!=85 and grade<>90 and grade!=80
```

```
--where not(grade=85 or grade=90 or grade=80)
```

```
--where grade in (85,90,80)
```

```
select* from student
```

```
where sname not like '刘%'
```

```
select* from student
```

```
where not(sname like '刘%')
```

```
select* from student
```

```
where rtrim(sname) like '刘_'
```

注：rtim把字段尾随空格删掉，ltrim把字段前面的空格删掉

```
select* from student
```

```
where rtrim(sno) like '%[123]'
```

1-3,0-9, a-z

```
select * from student
where rtrim(sno) like '%[^1-3]'
```

```
select * from student
where rtrim(sname) like '[^张王李]%'
select * from student
where rtrim(sname) not like '[张王李]'
```

注：这里二者查询的结果是相同的，但是二者查询的结果并不是在任何情况下都相同。

```
select * from course
where cname like '%据_'
```

```
select * from _tianyaPWD
WHERE rtrim(pwd) like '%[^0-9]%'
```

有一位不是数字

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[0-9]%'
```

没有数字

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[^0-9]%'
```

纯数字

```
select * from _tianyaPWD
where rtrim(pwd) like '%[^0-9a-z]%'
```

包括特殊字符的

```
select * from _tianyaPWD
where rtrim(pwd) like '200[0-9][0-1][0-9][0-3][0-9]'
```

```
select * from sc order by -grade
```

-代表降序，只能用于数值型

```
select top 1000 * from _tianyaPWD
where dbo.reg('^[198[0-9](0[1-9]1[0-2])(0[1-9]12[0-9]3[01])',
rtrim(pwd))=1
```

???运行不出来更准确

```
select top 1000 * from _tianyaPWD
order by newid()
```

随机生成一个id，起到抽样的作用

```
select top 1000 * into abc from _tianyaPWD
order by newid()
select * from abc
```

纯数字:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[^0-9]%'
```

纯字母:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[^a-z]%'
```

纯特殊字符:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[0-9a-z]%'
```

数字和字母的组合:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[^0-9a-z]%' and rtrim(pwd) like '%[0-9]%' and rtrim(pwd) like '%[a-z]%'
```

没有字符+有数字+有字母

数字和特殊字符的组合:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[a-z]%' and rtrim(pwd) like '%[0-9]%' and rtrim(pwd) like '%[^0-9]%'
```

没有字母+有一位数字+有一位特殊字符

字母和特殊字符的组合:

```
select * from _tianyaPWD
where rtrim(pwd) not like '%[0-9]%' and rtrim(pwd) like '%[a-z]%' and rtrim(pwd) like '%[^a-z]%'
```

没有数字+有一位字母+有一位特殊字符

全部:

```
select * from _tianyaPWD
where (rtrim(PWD) like '%[0-9]%' ) and (rtrim(PWD) like '%[a-z]%' ) and (rtrim(PWD) like '%[^0-9a-z]%' )
```

最好加个括号

三者都有	1104
数字+字母	23737
数字+特殊字符	540
字母+特殊字符	215
纯数字	63957
纯字母	10417
纯特殊字符	30
	100000