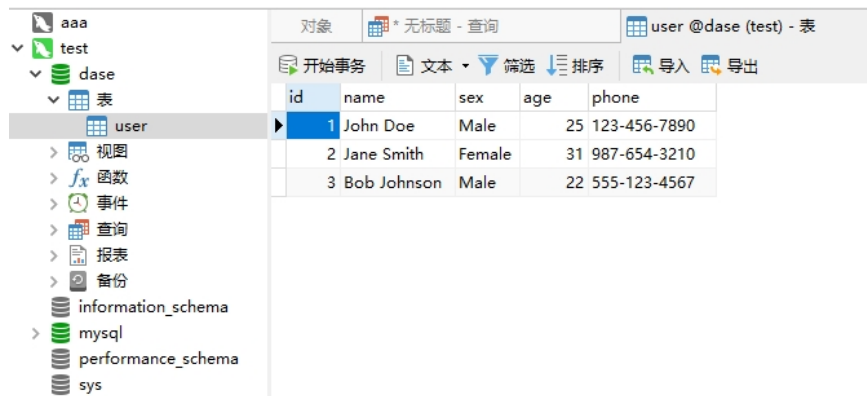


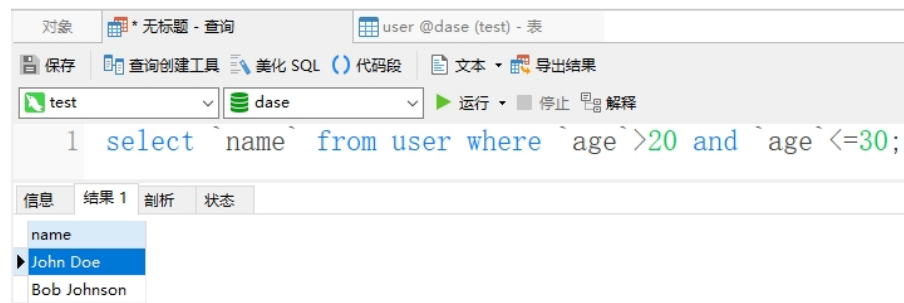
1.

```
create database dase;
use dase;
create table user(id integer primary key,name text,sex text,age integer,phone
text);
insert into `user` values(1,'John Doe', 'Male', 25, '123-456-7890');
insert into `user` values(2,'Jane Smith', 'Female', 31, '987-654-3210');
insert into `user` values(3,'Bob Johnson', 'Male', 22, '555-123-4567');
```



id	name	sex	age	phone
1	John Doe	Male	25	123-456-7890
2	Jane Smith	Female	31	987-654-3210
3	Bob Johnson	Male	22	555-123-4567

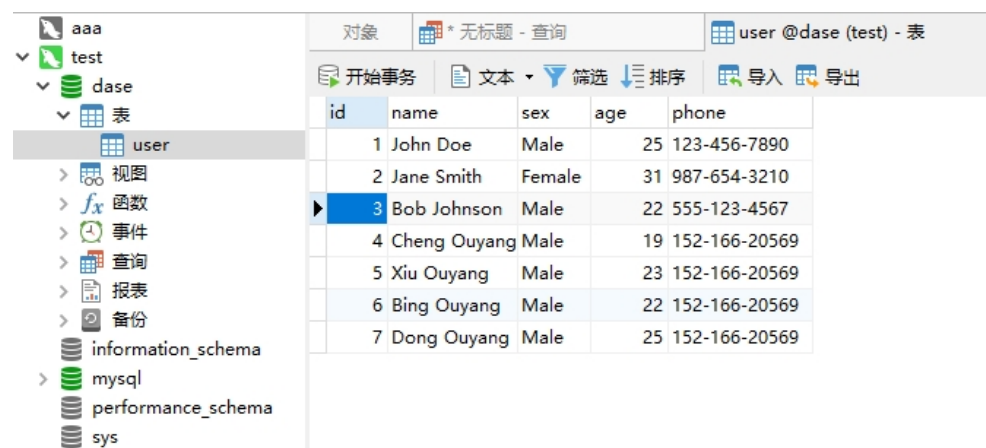
2.



name
John Doe
Bob Johnson

3.

```
insert into `user` values(4,'Cheng Ouyang', 'Male', 19, '152-166-20569');
insert into `user` values(5,'Xiu Ouyang', 'Male', 23, '152-166-20569');
insert into `user` values(6,'Bing Ouyang', 'Male', 22, '152-166-20569');
insert into `user` values(7,'Dong Ouyang', 'Male', 25, '152-166-20569');
```



id	name	sex	age	phone
1	John Doe	Male	25	123-456-7890
2	Jane Smith	Female	31	987-654-3210
3	Bob Johnson	Male	22	555-123-4567
4	Cheng Ouyang	Male	19	152-166-20569
5	Xiu Ouyang	Male	23	152-166-20569
6	Bing Ouyang	Male	22	152-166-20569
7	Dong Ouyang	Male	25	152-166-20569

4.

The screenshot shows a SQL query execution window. The query is: `select name from user where age >= 20 and age <= 30 and name like '%Ouyang' order by age desc;`. The results are displayed in a table with the following data:

name
Dong Ouyang
Xiu Ouyang
Bing Ouyang

5.

The screenshot shows a SQL query execution window. The query is: `select avg(age) from user;`. The results are displayed in a table with the following data:

avg(age)
23.8571

6.

```
create table team(  
id integer primary key,  
teamName text  
);  
create table score(  
id integer primary key,  
teamid integer,  
userid integer,  
score integer,  
foreign key(teamid) references team(id),  
foreign key(userid) references user(id)  
);
```

7.

```
insert into team values(1, 'ECNU');  
insert into team values(2, 'SJTU');  
insert into team values(3, 'FDU');  
insert into score values(1, 1, 4, 90);
```

```

insert into `score` values(2,1, 3, 80);
insert into `score` values(3,1, 2, 70);
insert into `score` values(4,2, 1, 60);
insert into `score` values(5,2, 5, 50);
insert into `score` values(6,2, 6, 40);
insert into `score` values(7,2, 7, 30);

```

The screenshot shows a SQL IDE interface with a query editor and a results pane. The query is a complex join between the score, team, and user tables, filtered by teamName='ECNU' and age<20. The results pane shows a single row of data.

```

1 select * from ((score inner join team on score.teamid=team.id) inner
  join user on user.id=score.userid) where teamName='ECNU' and age<20;

```

id	teamid	userid	score	id(1)	teamName	id(2)	name	sex	age	phone
1	1	4	90	1	ECNU	4	Cheng Ouyang	Male	19	152-166-20569

8.

The screenshot shows a SQL IDE interface with a query editor and a results pane. The query calculates the sum of scores for the team 'ECNU'. The results pane shows a single row with the sum value of 240.

```

1 select sum(score) from ((score inner join team on score.teamid=team.id)
  inner join user on user.id=score.userid) where teamName='ECNU';

```

sum(score)
240

9.

```

delete from `score`;
delete from `user`;

```

(有些题截图没什么意义就没截)

