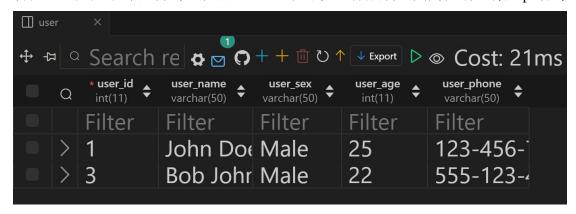
1.

local: 3 records on 'user' table X					
user_id	user_name	user_sex	user_age	user_phone	
aBc Filter	abc Filter	abc Filter	a <mark>b</mark> c Filter	a <mark>b</mark> c Filter	
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.



备注:这里应该添加分号,但是 vscode 中可以运行成功,因为只有一条 sql 语句



```
    Run | New Tab | ↑ Active Connection | ▶ Run on active connection | ≡ Select block

INSERT INTO user VALUES

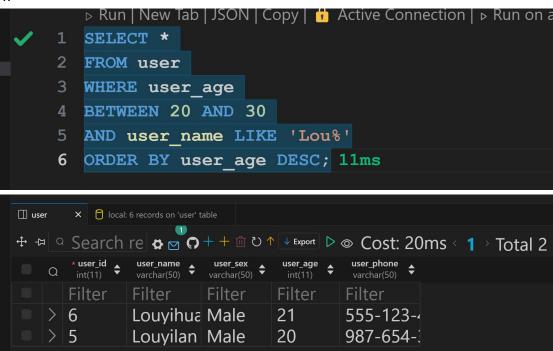
(4,'Louyihong','Male',19,'150-000-00000'),

(5,'Louyilan','Male',20,'987-654-3210'),

(6,'Louyihuang','Male',21,'555-123-4567'); AffectedRows: 3 38ms
```



4.



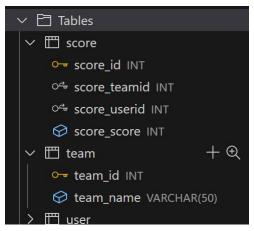
5.

```
Run | New Tab | JSON | Active Con

SELECT AVG (user_age)

PROM user; 42ms
```

```
6.
1 CREATE TABLE team (
2
       team id INT AUTO INCREMENT PRIMARY KEY,
       team name VARCHAR (50)
4
   );
   ⊳ Run | New Tab | Copy
   CREATE TABLE score (
       score id INT AUTO INCREMENT PRIMARY KEY,
       score teamid INT,
       FOREIGN KEY (score teamid)
9
       REFERENCES team (team id)
10
       ON DELETE CASCADE ON UPDATE CASCADE,
11
       score userid INT,
12
       FOREIGN KEY (score userid)
13
       REFERENCES user (user id)
14
       ON DELETE CASCADE ON UPDATE CASCADE,
15
       score score INT
16
   --外键必须指向主键
```



备注:这里可以看到表创建了,只不过为空

7.

score_id	score_teamid	score_userid	score_score
a <mark>b</mark> c Filter	abc Filter	a <b>b</b> c Filter	abc Filter
1			100
2			90
3			80
4			85
5	5	5	95
6			100

team_name
abc Filter
ECNU
TU
FU
SJTU
ECNU
ECNU

## 备注: team 里给定了,则 score 里只能插入与 team 有关的

```
9 SELECT user.user id, user.user name, user.user sex,
 10 user.user age, user.user phone FROM score
 11 JOIN user ON user.user age <= 20
 12 AND score.score userid = user.user id
 JOIN team ON team.team name = 'ECNU'
 14 AND score.score teamid = team.team id 9ms
             Result(RO) X local: 6 records on 'user' table
cords on 'user' table
                 Cost: 17ms → Time Company Cost: 17ms

→ → □ □ □ Search results

            user_name
                                user_age
                                          user_phone
                       user_sex
    user id
   Filter
            Filter
                     Filter
                              Filter
                                         Filter
                                         987-654-
   5
           Louyilan Male
                               20
```

SELECT SUM(IFNULL(score.score\_score,0)) FROM score

JOIN team ON team.team\_name="ECNU"

3 AND score.score\_teamid=team.team\_id; 8ms

cords on 'user' table Result(RO) × local: 6 records on 'team' table local: 6 records on 'user' table lo

