



```
1 // Algorithm
2
3 var subscribers = [{
4     name: 'Subscriber1',
5     invoiceStatus: 0
6 }, {
7     name: 'Subscriber2',
8     invoiceStatus: 1
9 }, {
10    name: 'Subscriber3',
11    invoiceStatus: 0
12 }, {
13    name: 'Subscriber4',
14    invoiceStatus: 0
15 }, {
16    name: 'Subscriber5',
17    invoiceStatus: 1
18 }];
19
20
21 var invoiceStatus;
22 var UNPAID = 1;
23 var PAID = 0;
24
25
26
27 function invoiceCheck() {
28
29     for (var i = 0; i < subscribers.length; i++) {
30
31
32         if (subscribers.invoiceStatus === 1) {
33             console.log("You have yet to play your invoice.");
34             return cancellationNotice;
35         };
36
37     };
38
39 };
40
41 invoiceCheck();
42
```

```
1  -- SQL Query --
2
3  CREATE DATABASE lifion;
4
5  USE lifion;
6
7
8  CREATE TABLE pairings (
9      id INTEGER(11) AUTO_INCREMENT NOT NULL,
10     user VARCHAR(100),
11     video VARCHAR(100),
12     views INTEGER(11),
13     PRIMARY KEY (id)
14 );
15
16
17 INSERT INTO pairings (user, video, views) values ('User A', 'Video A', 15);
18 INSERT INTO pairings (user, video, views) values ('User A', 'Video B', 25);
19 INSERT INTO pairings (user, video, views) values ('User A', 'Video C', 30);
20 INSERT INTO pairings (user, video, views) values ('User A', 'Video D', 32);
21 INSERT INTO pairings (user, video, views) values ('User A', 'Video E', 10);
22
23 INSERT INTO pairings (user, video, views) values ('User B', 'Video A', 8);
24 INSERT INTO pairings (user, video, views) values ('User B', 'Video B', 18);
25 INSERT INTO pairings (user, video, views) values ('User B', 'Video C', 21);
26 INSERT INTO pairings (user, video, views) values ('User B', 'Video D', 27);
27 INSERT INTO pairings (user, video, views) values ('User B', 'Video E', 36);
28
29 INSERT INTO pairings (user, video, views) values ('User C', 'Video A', 22);
30 INSERT INTO pairings (user, video, views) values ('User C', 'Video B', 5);
31 INSERT INTO pairings (user, video, views) values ('User C', 'Video C', 4);
32 INSERT INTO pairings (user, video, views) values ('User C', 'Video D', 17);
33 INSERT INTO pairings (user, video, views) values ('User C', 'Video E', 29);
34
35 INSERT INTO pairings (user, video, views) values ('User D', 'Video A', 2);
36 INSERT INTO pairings (user, video, views) values ('User D', 'Video B', 19);
37 INSERT INTO pairings (user, video, views) values ('User D', 'Video C', 40);
38 INSERT INTO pairings (user, video, views) values ('User D', 'Video D', 38);
39 INSERT INTO pairings (user, video, views) values ('User D', 'Video E', 6);
40
41 SELECT * FROM pairings ORDER BY views DESC;
42
```