

```
select flightid from flights
where flightid NOT IN (select flightid from flewon);
```

```
select customerid from flewon where flightid = 'DL119';
```

```
(doesn't work)
with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119')
select * from flewon
where customerid IN cust_list;
```

```
(corrected version)
with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119')
select * from flewon
where customerid IN
  (select * from cust_list);
```

```
with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid IN (select * from cust_list))
select flightid, count(*) from flewon_overlap group by flightid;
```

```
with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid IN (select * from cust_list)),
overlap_sizes(flightid, count) as
  (select flightid, count(*) from flewon_overlap
   group by flightid)
select * from overlap_sizes
where count = (select max(count) from overlap_sizes);
```

```

with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid NOT IN (select * from cust_list)),
overlap_sizes(flightid, count) as
  (select flightid, count(*) from flewon_overlap
   group by flightid)
select * from overlap_sizes
where count = (select max(count) from overlap_sizes);

```

```

with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid IN (select * from cust_list)),
overlap_sizes(flightid, count) as
  (select flightid, count(*) from flewon_overlap
   group by flightid)
select * from overlap_sizes
where count >= all (select count from overlap_sizes);

```

```

with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid IN (select * from cust_list)),
overlap_sizes(flightid, count) as
  (select flightid, count(*) from flewon_overlap
   group by flightid)
select * from overlap_sizes
where count NOT IN
  (select count from overlap_sizes
   where count < some (select count from overlap_sizes));

```

```

with cust_list(customerid) as
  (select customerid from flewon where flightid = 'DL119'),
flewon_overlap(flightid, customerid) as
  (select * from flewon
   where customerid IN (select * from cust_list)),
overlap_sizes(flightid, count) as
  (select flightid, count(*) from flewon_overlap
   group by flightid)
select * from overlap_sizes as ov1
where not exists
  (select * from overlap_sizes as ov2
   where ov2.count > ov1.count);

```