
Posted by [inoremap](#) on Mon, 11 Dec 2023 15:46:12 GMT

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```
create table A (ID integer not null primary key, F integer not null);
create table B (ID integer not null primary key, F integer not null);
```

```
insert into A (ID, F) values (1, 101);
insert into A (ID, F) values (2, 102);
insert into A (ID, F) values (3, 103);
```

```
insert into B (ID, F) values (1, 101);
insert into B (ID, F) values (2, 102);
insert into B (ID, F) values (4, 104);
```

```
select
  A.F
from
  A
left outer join
  B on B.F = A.F
where
  B.F is null
```

```
execute block returns (f int)
as
  declare a_f int;
  declare b_f int;
  declare b_c cursor for (select F from B order by F);
  declare b_eof boolean;
begin
  open b_c;
  fetch b_c into :b_f;
```

```
b_eof = row_count = 0;
for select F from A order by F into :a_f do
begin
  while ((a_f > b_f) and (not b_eof)) do
  begin
    fetch b_c into :b_f;
    b_eof = row_count = 0;
    if (b_eof) then
      leave;
    end
    if ((a_f < b_f) or b_eof) then
    begin
      f = a_f;
      suspend;
    end
  end
end
end
```