```
BLOCK entry {
    blame <- §false§[];
    multi <- §false§[];
    current_item <- §SELECT MAX(l.l_linenumber) FROM lineitem AS l WHERE l.l_orderkey = {0}§[orderkey];
    GOTO loop_head
}
```

```
BLOCK loop_head {
    IF §{0} < 1§[current_item]
    THEN GOTO truthy0
    ELSE GOTO falsey0
}
```

```
BLOCK truthy0 {
    EMIT §{0} AND {1}§[multi, blame];
    STOP
}
```

```
BLOCK falsey0 {
    lineitem <- §SELECT (l.l_receiptdate, l.l_commitdate, l.l_suppkey)
                  FROM    lineitem AS l
                  WHERE   l.l_orderkey = {0}
                  AND     l.l_linenumber = {1}§[orderkey, current_item];
    GOTO inter4
}
```

```
BLOCK inter4 {
    multi <- §{0} OR {1}.l_suppkey <> {2}§[multi, lineitem, suppkey];
    IF §{0}.l_receiptdate > {0}.l_commitdate§[lineitem]
    THEN IF §{0}.l_suppkey <> {1}§[lineitem, suppkey]
          THEN GOTO truthy2
          ELSE GOTO falsey2
    ELSE GOTO merge1
}
```

```
BLOCK truthy2 {
    EMIT §false§[];
    STOP
}
```

```
BLOCK falsey2 {
    blame <- §true§[];
    GOTO merge1
}
```

```
BLOCK merge1 {
    current_item <- §{0} - 1§[current_item];
    JUMP loop_head
}
```