

```
BLOCK entry {
  ground <- $SELECT COUNT(*)
    FROM   lineitem AS l, orders AS o
    WHERE  l.l_orderkey = o.o_orderkey AND o.o_custkey = {0}
    AND    l.l_shipmode IN ('RAIL', 'TRUCK')${custkey};
  GOTO inter0
}
```



```
BLOCK inter0 {
  air <- $SELECT COUNT(*)
    FROM   lineitem AS l, orders AS o
    WHERE  l.l_orderkey = o.o_orderkey AND o.o_custkey = {0}
    AND    l.l_shipmode IN ('AIR', 'AIR REG')${custkey};
  GOTO inter1
}
```



```
BLOCK inter1 {
  mail <- $SELECT COUNT(*)
    FROM   lineitem AS l, orders AS o
    WHERE  l.l_orderkey = o.o_orderkey AND o.o_custkey = {0}
    AND    l.l_shipmode = 'MAIL'${custkey};
  GOTO inter2
}
```



```
BLOCK inter2 {
  IF ${0} >= {1} AND {0} >= {2}${ground, air, mail]
  THEN GOTO truthy0
  ELSE GOTO falsey0
}
```



```
BLOCK truthy0 {
  EMIT $('ground'${[]};
  GOTO inter3
}
```



```
BLOCK falsey0 {
  IF ${0} >= {1} AND {0} >= {2}${air, ground, mail]
  THEN GOTO truthy1
  ELSE GOTO falsey1
}
```



```
BLOCK truthy1 {
  EMIT $('air'${[]};
  GOTO inter4
}
```



```
BLOCK falsey1 {
  IF ${0} >= {1} AND {0} >= {2}${mail, ground, air]
  THEN GOTO truthy2
  ELSE GOTO falsey2
}
```



```
BLOCK truthy2 {
  EMIT $('mail'${[]};
  GOTO inter5
}
```



```
BLOCK falsey2 {
  STOP
}
```

```
BLOCK inter3 {
  GOTO merge0
}
```



```
BLOCK inter4 {
  GOTO merge1
}
```

```
BLOCK inter5 {
  GOTO merge2
}
```

```
BLOCK merge2 {
  GOTO merge1
}
```

```
BLOCK merge1 {
  GOTO merge0
}
```

```
BLOCK merge0 {
  STOP
}
```