```
BLOCK entry {
  poh0 <- §SELECT p
          FROM   points AS p
          WHERE  p.cloud = {0}
          ORDER BY p.x
          LIMIT 1§[cloud];
  GOTO inter0
}

BLOCK inter0 {
  poh0_label <- §{0}.label§[poh0];
  GOTO inter1
}

BLOCK inter1 {
  poh_label <- §{0}.label§[poh0];
  GOTO inter2
}

BLOCK inter2 {
  poh_x <- §{0}.x§[poh0];
  GOTO inter3
}

BLOCK inter3 {
  poh_y <- §{0}.y§[poh0];
  GOTO inter4
}

BLOCK inter4 {
  GOTO loop_head
}

BLOCK loop_head {
  EMIT §{0}§[poh_label];
  GOTO inter5
}

BLOCK inter5 {
  poh <- §SELECT p1
          FROM   points AS p1
          WHERE  p1.cloud = {0}
          AND    p1.label <> {1}
          AND    NOT EXISTS (SELECT 1
                             FROM   points AS p2
                             WHERE  left_of(p2.x, p2.y, {2}, {3}, p1.x, p1.y)
                             AND    p2.cloud = {0})§[cloud, poh_label, poh_x, poh_y];
  GOTO inter6
}

BLOCK inter6 {
  poh_label <- §{0}.label§[poh];
  GOTO inter7
}

BLOCK inter7 {
  poh_x <- §{0}.x§[poh];
  GOTO inter8
}

BLOCK inter8 {
  poh_y <- §{0}.y§[poh];
  GOTO inter9
}

BLOCK inter9 {
  IF §{0} = {1}§[poh_label, poh0_label]
  THEN GOTO truthy0
  ELSE GOTO falsey0
}

BLOCK truthy0 {
  STOP
}

BLOCK falsey0 {
  GOTO merge0
}

BLOCK merge0 {
  JUMP loop_head
}
```