

$$1. [2, 3] \nabla [1, 3] = (-\infty, 3]$$

$$[1, 4] \nabla [2, 3] = [1, 4]$$

$$[2, 6] \nabla [2, 6] = [2, 6]$$

$$[3, 4] \nabla [3, 5] = [3, +\infty)$$

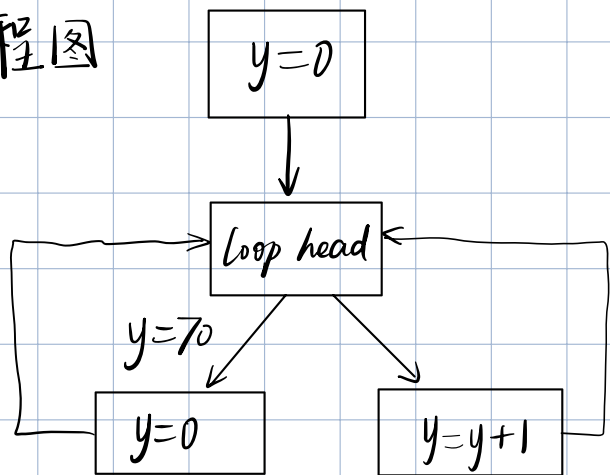
2.

```

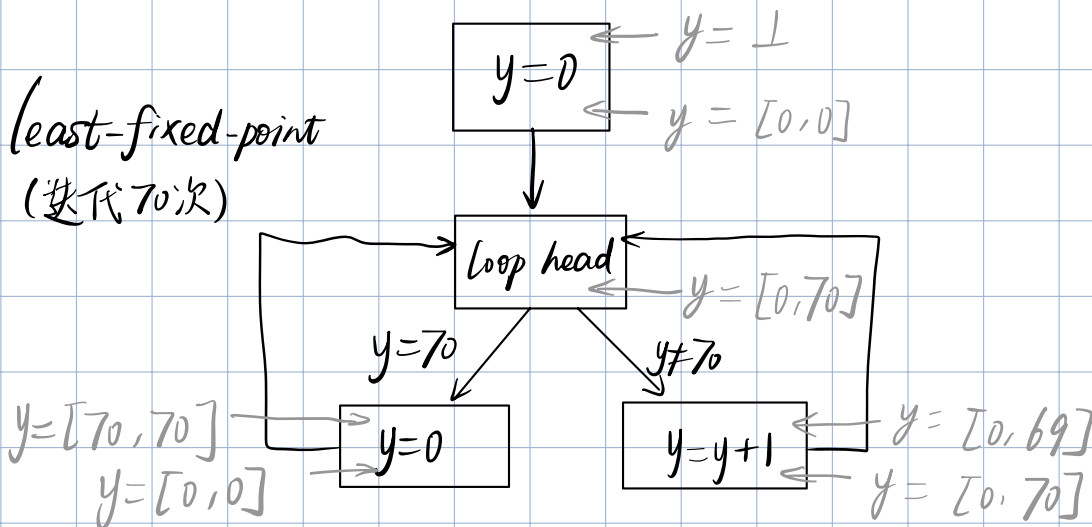
MODULE main
VAR
  y : 0..15000;
ASSIGN
  init(y) := 0;
TRANS
  case
    y=70 : next(y)=0;
    TRUE : next(y)=y+1;
  esac
LTLSPEC
  G (y in (0..70))

```

流程图



least-fixed-point  
(迭代 70 次)



widening

