```
loop(i_0, i_1)
   p_0 = \text{new(BoxedInteger)}
   setfield_gc(p_0, i_0, intval)
   p_1 = \text{new(BoxedInteger)}
   setfield_gc(p_1, i_1, intval)
guard\_class(p_1, BoxedInteger)
  i_2 = getfield\_gc(p_1, intval)
guard_class(p_0, BoxedInteger)
  i_3 = getfield\_gc(p_0, intval)
      i_4 = \text{int\_add}(i_2, i_3)
     i_9 = \text{int\_add}(i_4, -100)
guard\_class(p_0, BoxedInteger)
 i_{12} = \text{getfield\_gc}(p_0, \text{intval})
     i_{14} = int\_add(i_{12}, -1)
       i_{17} = int_gt(i_{14}, 0)
         guard_true(i_{17})
          jump(i_{14}, i_9)
```