```
start
                                      \mathsf{L}
                        entry:
                         %y = add nsw i32 0, 0
                         %i = add nsw i32 0, 0
                         %t = mul nsw i32 4, 10
                         br label %while.cond
                                    { t: 40, y: 0, i: 0, }
         while.cond:
          %i.0 = phi i32 [ %i, %entry ], [ %add, %while.body ]
          %cmp = icmp slt i32 %i.0, 10
          br il %cmp, label %while.body, label %while.end
                                                  F
{ i.0: 0, t: 40, y: 0, \{ i.0: 0, t: 40,
                                                  { i.0: 0, t: 40,
i: 0, add: 1, v: 9, }/ y: 0, i: 0, }
                                                    y: 0, i: 0, }
    while.body:
                                             while.end:
     %add = add nsw i32 1, %i.0
     %v = add nsw i32 8, 1
                                              ret i32 %y
     br label %while.cond
```