```
_toplevel:
                                   { }
                                   <BEGIN: _toplevel>
                                   { }
                                  { }
                                  move t1, 1
                                  \{(t1, 10)\}
                                  lt t2, t1, 10
                                  \{(t1, 10), (t2, 11)\}
                                  bif t2, L_toplevel_0
                                  \{(t1, 10), (t2, 11)\}
\{(t1, 10), (t2, 11)\}
                                               L_toplevel_0:
move t4, 10
                                               \{(t1, 10), (t2, 11)\}
\{(t1, 10), (t2, 11), (t4, 20)\}
                                               move t4, t1
move t3, t4
                                               \{(t1, 10), (t2, 11), (t4, 30)\}
\{(t1, 10), (t2, 11), (t3, 21), (t4, 20)\}
                                               move t3, t4
goto L_toplevel_1
                                               \{(t1, 10), (t2, 11), (t3, 31), (t4, 30)\}
\{(t1, 10), (t2, 11), (t3, 21), (t4, 20)\}
       L_toplevel_1:
       \{(t1, 10), (t2, 11), (t3, 21), (t3, 31), (t4, 20), (t4, 30)\}
       move t0, t3
       \{(t0, 40), (t1, 10), (t2, 11), (t3, 21), (t3, 31), (t4, 20), (t4, 30)\}
       ret t0
       \{(t0, 40), (t1, 10), (t2, 11), (t3, 21), (t3, 31), (t4, 20), (t4, 30)\}
       \{(t0, 40), (t1, 10), (t2, 11), (t3, 21), (t3, 31), (t4, 20), (t4, 30)\}
       <END: _toplevel>
       \{(t0, 40), (t1, 10), (t2, 11), (t3, 21), (t3, 31), (t4, 20), (t4, 30)\}
```