```
_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)}
move t4, 10
{(t1, 10), (t2, 11), (t4, 20)}
move t3, t4
{(t1, 10), (t2, 11), (t3, 21), (t4, 20)}
goto L_toplevel_1
{(t1, 10), (t2, 11), (t3, 21), (t4, 20)}
```

```
L_toplevel_0:
  {(t1, 10), (t2, 11)}
  move t4, t1
  {(t1, 10), (t2, 11), (t4, 30)}
  move t3, t4
  {(t1, 10), (t2, 11), (t3, 31), (t4, 30)}
```

```
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)}
```