```
for.cond:
                                     ; preds = %for.inc, %entry
                 \%0 = \text{load i} 32, i 32*\% i, align 4
                  %cmp = icmp ult i32 %0, 100
          br i1 %cmp, label %land.rhs, label %land.end
    land.rhs:
                                        ; preds = \% for .cond
%1 = load %struct.list_node*, %struct.list_node** %list_it, align 8
          %cmp1 = icmp ne %struct.list_node* %1, null
                       br label %land.end
```

```
invoke.cont: ; preds = %for.body
%4 = load %struct.list_node*, %struct.list_node** %list_it, align 8
%next = getelementptr inbounds %struct.list_node, %struct.list_node* %4, i32 0, i32 1
store %struct.list_node* %3, %struct.list_node** %next, align 8
%5 = load i32, i32* %i, align 4
%6 = load %struct.list_node*, %struct.list_node** %list_it, align 8
%value = getelementptr inbounds %struct.list_node, %struct.list_node* %6, i32 0, i32 0
store i32 %5, i32* %value, align 8
br label %for.inc
```

land.end:

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%2 = phi i1 [ false, %for.cond ], [ %cmp1, %land.rhs ] br i1 %2, label %for.body, label %for.end

; preds = %land.rhs, %for.cond

for.body:

; preds = %land.end

%call = call i8\* @\_Znwm(i64 16) #7

%3 = bitcast i8\* %call to %struct.list\_node\*

call void @\_ZN9list\_nodeC2Ev(%struct.list\_node\* %3)

br label %invoke.cont

for.inc: ; preds = %invoke.cont
%7 = load %struct.list\_node\*, %struct.list\_node\*\* %list\_it, align 8
%next2 = getelementptr inbounds %struct.list\_node, %struct.list\_node\* %7, i32 0, i32 1
%8 = load %struct.list\_node\*, %struct.list\_node\*\* %next2, align 8
store %struct.list\_node\* %8, %struct.list\_node\*\* %list\_it, align 8
%9 = load i32, i32\* %i, align 4
%inc = add i32 %9, 1
store i32 %inc, i32\* %i, align 4
br label %for.cond