

[2/5]
for.cond: ; preds = %for.inc, %arrayctor.cont
%0 = load i32, i32* %i, align 4
%cmp = icmp ult i32 %0, 99
br i1 %cmp, label %for.body, label %for.end

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graph TD; for_cond["for.cond: [2/5]"] --> for_body["for.body: [0/1]"]; for_body --> for_inc["for.inc: [3/4]"]; for_inc --> for_cond;
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for.body: [0/1]
; preds = %for.cond
%1 = load i32, i32* %i, align 4
%2 = load i32, i32* %i, align 4
%idxprom = zext i32 %2 to i64
%arrayidx = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom
%value = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx, i32 0, i32 0
store i32 %1, i32* %value, align 16
%3 = load i32, i32* %i, align 4
%add = add i32 %3, 1
%idxprom1 = zext i32 %add to i64
%arrayidx2 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom1
%4 = load i32, i32* %i, align 4
%idxprom3 = zext i32 %4 to i64
%arrayidx4 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom3
%next = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx4, i32 0, i32 1
store %struct.list_node* %arrayidx2, %struct.list_node** %next, align 8
br label %for.inc

for.inc: [3/4]
; preds = %for.body
%5 = load i32, i32* %i, align 4
%inc = add i32 %5, 1
store i32 %inc, i32* %i, align 4
br label %for.cond