

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

```
graph TD; entry(( )) --> for_cond[for.cond]; for_cond --> for_body[for.body]; for_body --> for_inc[for.inc]; for_inc --> for_cond;
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[0/1]
for.body: ; preds = %for.cond
 %1 = load i32, i32* %i, align 4
 %add = add i32 %1, 1
 %idxprom = zext i32 %add to i64
 %arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom
 %2 = load i32, i32* %arrayidx, align 4
 %3 = load i32, i32* %i, align 4
 %idxprom1 = zext i32 %3 to i64
 %arrayidx2 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom1
 store i32 %2, i32* %arrayidx2, align 4
 br label %for.inc

[2/3]
for.inc: ; preds = %for.body
 %4 = load i32, i32* %i, align 4
 %inc = add i32 %4, 1
 store i32 %inc, i32* %i, align 4
 br label %for.cond