; preds = % for.condfor.body: %idxprom = sext i32 %i.0 to i64, !dbg !1300 %arrayidx = getelementptr inbounds [50 x i32], [50 x i32]* %skip, i64 0, i64 %idxprom, !dbg !1300 %1 = load i32, i32* %arrayidx, align 4, !dbg !1300 %tobool = icmp ne i32 %1, 0, !dbg !1300 br i1 %tobool, label %if.end, label %if.then, !dbg !1303 if.then: ; preds = % for.body%idxprom1 = sext i32 %i.0 to i64, !dbg !1304 %arrayidx2 = getelementptr inbounds [50 x i32], [50 x i32]* %index, i64 0, i64 %idxprom1, !dbg !1304 %2 = load i32, i32* %arrayidx2, align 4, !dbg !1304 %idxprom3 = sext i32 %2 to i64, !dbg !1306 %arrayidx4 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom3, !dbg !1306 store i32 0, i32* %arrayidx4, align 4, !dbg !1307 br label %if.end, !dbg !1308

%cmp = icmp slt i32 %i.0, %0, !dbg !1298 br i1 %cmp, label %for.body, label %for.end, !dbg !1299 for.inc: ; preds = %if.end%inc = add nsw i32 %i.0, 1, !dbg !1314 call void @llvm.dbg.value(metadata i32 %inc, metadata !1291, metadata !DIExpression()), !dbg !1293 br label %for.cond, !dbg !1315, !llvm.loop !1316

%i.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1295 call void @llvm.dbg.value(metadata i32 %i.0, metadata !1291, metadata !DIExpression()), !dbg !1293 %0 = load i 32, i 32* %n, align 4, !dbg !1297

for.cond:

: preds = %for.inc, %entry

; preds = %if.then, %for.body %idxprom5 = sext i32 %i.0 to i64, !dbg !1309 %arrayidx6 = getelementptr inbounds [50 x i32], [50 x i32]* %index, i64 0, i64 %idxprom5, !dbg !1309 %3 = load i32, i32* %arrayidx6, align 4, !dbg !1309 %idxprom7 = sext i32 %i.0 to i64, !dbg !1310 %arrayidx8 = getelementptr inbounds [50 x i32], [50 x i32]* %index, i64 0, i64 %idxprom7, !dbg !1310 %4 = load i32, i32* %arrayidx8, align 4, !dbg !1310 %idxprom9 = sext i32 %4 to i64, !dbg !1311 %arrayidx10 = getelementptr inbounds [100 x i32], [100 x i32]* %b, i64 0, i64 %idxprom9, !dbg !1311

> store i32 %3, i32* %arrayidx10, align 4, !dbg !1312 br label %for.inc, !dbg !1313

if.end: