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[7/8]
for.body:                                ; preds = %for.cond
    %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

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[6/9]
for.cond:                                ; preds = %for.inc, %entry
    %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 i32, i32* %n, align 4, !dbg !1297
    %cmp = icmp slt i32 %i.0, %0, !dbg !1298
    br i1 %cmp, label %for.body, label %for.end, !dbg !1299

```

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[4/5]
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

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[0/1]
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

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[2/3]
if.end:                                   ; 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

```