

[3/4]

```
for.body:                                ; preds = %for.cond
    %idxprom = sext i32 %i.0 to i64, !dbg !1287
    %arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %array, i64 0, i64 %idxprom, !dbg !1287
    store i32 %i.0, i32* %arrayidx, align 4, !dbg !1289
    br label %for.inc, !dbg !1290
```

[0/1]

```
for.inc:                                ; preds = %for.body
    %inc = add nsw i32 %i.0, 1, !dbg !1291
    call void @llvm.dbg.value(metadata i32 %inc, metadata !1279, metadata !DIExpression()), !dbg !1281
    br label %for.cond, !dbg !1292, !llvm.loop !1293
```

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```
for.cond:                                ; preds = %for.inc, %entry
    %i.0 = phi i32 [ 0, %entry ], [ %inc, %for.inc ], !dbg !1283
    call void @llvm.dbg.value(metadata i32 %i.0, metadata !1279, metadata !DIExpression()), !dbg !1281
    %cmp = icmp slt i32 %i.0, 100, !dbg !1285
    br i1 %cmp, label %for.body, label %for.end, !dbg !1286
```