

[5/6]

```
for.body73:                                ; preds = %for.cond71
call void @llvm.dbg.declare(metadata i32* %k, metadata !1462, metadata !DIExpression()), !dbg !1465
store i32 0, i32* %k, align 4, !dbg !1465
br label %for.cond74, !dbg !1466
```

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```
for.cond71:                                ; preds = %for.inc96, %for.body69
%36 = load i32, i32* %j70, align 4, !dbg !1458
%cmp72 = icmp ult i32 %36, 3000, !dbg !1460
br i1 %cmp72, label %for.body73, label %for.end98, !dbg !1461
```

[0/1]

```
for.inc96:                                ; preds = %for.end91
%58 = load i32, i32* %j70, align 4, !dbg !1493
%inc97 = add i32 %58, 1, !dbg !1493
store i32 %inc97, i32* %j70, align 4, !dbg !1493
br label %for.cond71, !dbg !1494, !llvm.loop !1495
```

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```
for.end91:                                ; preds = %for.cond74
%53 = load i32**, i32*** %c, align 8, !dbg !1488
%54 = load i32, i32* %i66, align 4, !dbg !1489
%idxprom92 = zext i32 %54 to i64, !dbg !1488
%arrayidx93 = getelementptr inbounds i32*, i32** %53, i64 %idxprom92, !dbg !1488
%55 = load i32*, i32** %arrayidx93, align 8, !dbg !1488
%56 = load i32, i32* %j70, align 4, !dbg !1490
%idxprom94 = zext i32 %56 to i64, !dbg !1488
%arrayidx95 = getelementptr inbounds i32, i32* %55, i64 %idxprom94, !dbg !1488
%57 = load i32, i32* %arrayidx95, align 4, !dbg !1491
%add = add i32 %57, 1, !dbg !1491
store i32 %add, i32* %arrayidx95, align 4, !dbg !1491
br label %for.inc96, !dbg !1492
```