```
; preds = %for.inc10, %for.end
                                                for.cond2:
                                                 %i1.0 = phi i32 [ 0, %for.end ], [ %inc11, %for.inc10 ], !dbg !1299
                                call void @llvm.dbg.value(metadata i32 %i1.0, metadata !1295, metadata !DIExpression()), !dbg !1297
                                                           %cmp3 = icmp slt i32 %i1.0, 100, !dbg !1301
                                                    br i1 %cmp3, label %for.body4, label %for.end12, !dbg !1302
                         [2/3]
if.end:
                                 ; preds = \% for.body4
                                                                                                                                     [0/1]
      %sub = sub nsw i32 100, %i1.0, !dbg !1309
                                                                                                             for.inc10:
                                                                                                                                                ; preds = \%if.end
     %idxprom8 = sext i32 %i1.0 to i64, !dbg !1310
                                                                                                                   %inc11 = add nsw i32 %i1.0, 1, !dbg !1313
```

%arrayidx9 = getelementptr inbounds [100 x i32], [100 x i32]* %array, i64 0, i64 %idxprom8, !dbg !1310

store i32 %sub, i32* %arrayidx9, align 4, !dbg !1311

br label %for.inc10, !dbg !1312

%inc11 = add nsw i32 %i1.0, 1, !dbg !1313 call void @llvm.dbg.value(metadata i32 %inc11, metadata !1295, metadata !DIExpression()), !dbg !1297 br label %for.cond2, !dbg !1314, !llvm.loop !1315