[8/9]
for.cond: ; preds = %for.inc, %entry
%i.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1306
call void @llvm.dbg.value(metadata i32 %i.0, metadata !1302, metadata !DIExpression()), !dbg !1304
%cmp = icmp slt i32 %i.0, 100, !dbg !1308
br i1 %cmp, label %for.body, label %for.end, !dbg !1309

[6/7]
entry:
%a = alloca [100 x i32], align 16
call void @llvm.dbg.declare(metadata [100 x i32]* %a, metadata !1293, metadata !DIExpression()), !dbg !1297
call void @llvm.dbg.value(metadata i32 100, metadata !1298, metadata !DIExpression()), !dbg !1299
call void @llvm.dbg.declare(metadata !21, metadata !1300, metadata !DIExpression()), !dbg !1301
call void @llvm.dbg.value(metadata i32 0, metadata !1302, metadata !DIExpression()), !dbg !1304
br label %for.cond, !dbg !1305

[4/5]
for.end: ; preds = %for.cond
ret i32 0, !dbg !1320

[2/3]
for.body: ; preds = %for.cond
%sub = sub nsw i32 %i.0, 1, !dbg !1310
%idxprom = sext i32 %sub to i64, !dbg !1312
%arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom, !dbg !1312
%0 = load i32, i32* %arrayidx, align 4, !dbg !1312
%idxprom1 = sext i32 %i.0 to i64, !dbg !1313
%arrayidx2 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom1, !dbg !1313
store i32 %0, i32* %arrayidx2, align 4, !dbg !1314
br label %for.inc, !dbg !1315

[0/1]
for.inc: ; preds = %for.body
%inc = add nsw i32 %i.0, 1, !dbg !1316
call void @llvm.dbg.value(metadata i32 %inc, metadata !1302, metadata !DIExpression()), !dbg !1304
br label %for.cond, !dbg !1317, !llvm.loop !1318