```
[2/5]
                                                                       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
                                              [3/4]
                     for.body:
                                                        ; preds = %for.cond
                             %sub = sub nsw i32 %i.0, 1, !dbg !1310
                           %idxprom = sext i32 %sub to i64, !dbg !1312
                                                                                                                               for.inc:
                                                                                                                                                                  ; preds = \% for.body
 %arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom, !dbg !1312
                                                                                                                                        %inc = add nsw i32 %i.0, 1, !dbg !1316
                        %0 = load i32, i32* % arrayidx, align 4, !dbg !1312
                                                                                                         call void @llvm.dbg.value(metadata i32 %inc, metadata !1302, metadata !DIExpression()), !dbg !1304
                          %idxprom1 = sext i32 %i.0 to i64, !dbg !1313
                                                                                                                                   br label %for.cond, !dbg !1317, !llvm.loop !1318
%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