%j21.0 = phi i32 [ %i17.0, %for.body20 ], [ %inc45, %for.inc44 ], !dbg !1017 call void @llvm.dbg.value(metadata i32 %j21.0, metadata !1012, metadata !DIExpression()), !dbg !1015 %cmp23 = icmp slt i32 %j21.0, 10, !dbg !1019 br i1 %cmp23, label %for.body24, label %for.end46, !dbg !1020 [11/12] [2/3] for.cond26: ; preds = %for.inc41, %for.body24 for.inc44: ; preds = % for .end43 for.body24: ; preds = % for.cond22 %k25.0 = phi i32 [ 1, %for.body24 ], [ %inc42, %for.inc41 ], !dbg !1026 %inc45 = add nsw i32 %j21.0, 1, !dbg !1041 for.end43: call void @llvm.dbg.value(metadata i32 1, metadata !1021, metadata !DIExpression()), !dbg !1024 call void @llvm.dbg.value(metadata i32 %k25.0, metadata !1021, metadata !DIExpression()), !dbg !1024 call void @llvm.dbg.value(metadata i32 %inc45, metadata !1012, metadata !DIExpression()), !dbg !1015 br label %for.inc44, !dbg !1040 br label %for.cond26, !dbg !1025 %cmp27 = icmp slt i32 %k25.0, 5, !dbg !1028 br label %for.cond22, !dbg !1042, !llvm.loop !1043 br i1 %cmp27, label %for.body28, label %for.end43, !dbg !1029 [4/5] for.body28: ; preds = % for.cond26 %idxprom29 = sext i32 %i17.0 to i64, !dbg !1030 %arrayidx30 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom29, !dbg !1030 %idxprom31 = sext i32 %j21.0 to i64, !dbg !1030 %arrayidx32 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1030 %idxprom33 = sext i32 %k25.0 to i64, !dbg !1030 [0/1] %arrayidx34 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx32, i64 0, i64 %idxprom33, !dbg !1030 ; preds = % for.body28for.inc41: %0 = load i32, i32\* %arrayidx34, align 4, !dbg !1030 %inc42 = add nsw i32 %k25.0, 1, !dbg !1036 %add = add nsw i32 %0, 1, !dbg !1032 call void @llvm.dbg.value(metadata i32 %inc42, metadata !1021, metadata !DIExpression()), !dbg !1024 %idxprom35 = sext i32 %i17.0 to i64, !dbg !1033 br label %for.cond26, !dbg !1037, !llvm.loop !1038 %arrayidx36 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom35, !dbg !1033 %idxprom37 = sext i32 %j21.0 to i64, !dbg !1033 %arrayidx38 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx36, i64 0, i64 %idxprom37, !dbg !1033 %idxprom39 = sext i32 %k25.0 to i64, !dbg !1033 %arrayidx40 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx38, i64 0, i64 %idxprom39, !dbg !1033 store i32 %add, i32\* %arrayidx40, align 4, !dbg !1034 br label %for.inc41, !dbg !1035

for.cond22:

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; preds = %for.inc44, %for.body20

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; preds = % for.cond26