

[2/5]
for.cond26: ; preds = %for.inc41, %for.body24
%k25.0 = phi i32 [1, %for.body24], [%inc42, %for.inc41], !dbg !1026
call void @llvm.dbg.value(metadata i32 %k25.0, metadata !1021, metadata !DIExpression()), !dbg !1024
%cmp27 = icmp slt i32 %k25.0, 5, !dbg !1028
br i1 %cmp27, label %for.body28, label %for.end43, !dbg !1029

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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
%arrayidx34 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx32, i64 0, i64 %idxprom33, !dbg !1030
%0 = load i32, i32* %arrayidx34, align 4, !dbg !1030
%add = add nsw i32 %0, 1, !dbg !1032
%idxprom35 = sext i32 %i17.0 to i64, !dbg !1033
%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

[0/1]
for.inc41: ; preds = %for.body28
%inc42 = add nsw i32 %k25.0, 1, !dbg !1036
call void @llvm.dbg.value(metadata i32 %inc42, metadata !1021, metadata !DIExpression()), !dbg !1024
br label %for.cond26, !dbg !1037, !llvm.loop !1038