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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]

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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

```