[2/5]
for.cond18:   ; preds = %for.inc33, %for.body17
%k.0 = phi i32 [1, %for.body17], [%inc34, %for.inc33], !dbg !1012
call void @llvm.dbg.value(metadata i32 %k.0, metadata !1007, metadata !DIExpression()), !dbg !1010
%cmp19 = icmp slt i32 %k.0, 5, !dbg !1014
br i1 %cmp19, label %for.body20, label %for.end35, !dbg !1015

[0/1]
for.inc33:   ; preds = %for.body20
%inc34 = add nsw i32 %k.0, 1, !dbg !1023
call void @llvm.dbg.value(metadata i32 %inc34, metadata !1007, metadata !DIExpression()), !dbg !1010
br label %for.cond18, !dbg !1024, !llvm.loop !1025

[3/4]
for.body20:   ; preds = %for.cond18
%idxprom21 = sext i32 %i10.0 to i64, !dbg !1016
%arrayidx22 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom21, !dbg !1016
%idxprom23 = sext i32 %j14.0 to i64, !dbg !1016
%arrayidx24 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx22, i64 0, i64 %idxprom23, !dbg !1016
%sub = sub nsw i32 %k.0, 1, !dbg !1018
%idxprom25 = sext i32 %sub to i64, !dbg !1016
%arrayidx26 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx24, i64 0, i64 %idxprom25, !dbg !1016
%0 = load i32, i32* %arrayidx26, align 4, !dbg !1016
%add = add nsw i32 %0, 1, !dbg !1019
%idxprom27 = sext i32 %i10.0 to i64, !dbg !1020
%arrayidx28 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom27, !dbg !1020
%idxprom29 = sext i32 %j14.0 to i64, !dbg !1020
%arrayidx30 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx28, i64 0, i64 %idxprom29, !dbg !1020
%idxprom31 = sext i32 %k.0 to i64, !dbg !1020
%arrayidx32 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1020
store i32 %add, i32* %arrayidx32, align 4, !dbg !1021
br label %for.inc33, !dbg !1022