

[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

[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

[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