

[3/4]

for.body6:; preds = %for.cond4

%add = add nsw i32 %i.0, %j.0, !dbg !984

%add7 = add nsw i32 %add, %k.0, !dbg !986

%div = sdiv i32 %add7, 3, !dbg !987

call void @llvm.dbg.value(metadata i32 %div, metadata !988, metadata !DIExpression()), !dbg !989

%idxprom = sext i32 %i.0 to i64, !dbg !990

%arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom, !dbg !990

%idxprom8 = sext i32 %j.0 to i64, !dbg !990

%arrayidx9 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx, i64 0, i64 %idxprom8, !dbg !990

%idxprom10 = sext i32 %k.0 to i64, !dbg !990

%arrayidx11 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx9, i64 0, i64 %idxprom10, !dbg !990

%0 = load i32, i32* %arrayidx11, align 4, !dbg !990

%add12 = add nsw i32 %0, %div, !dbg !991

%idxprom13 = sext i32 %i.0 to i64, !dbg !992

%arrayidx14 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom13, !dbg !992

%idxprom15 = sext i32 %j.0 to i64, !dbg !992

%arrayidx16 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !992

%idxprom17 = sext i32 %k.0 to i64, !dbg !992

%arrayidx18 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx16, i64 0, i64 %idxprom17, !dbg !992

store i32 %add12, i32* %arrayidx18, align 4, !dbg !993

br label %for.inc, !dbg !994

[0/1]

for.inc:; preds = %for.body6

%inc = add nsw i32 %k.0, 1, !dbg !995

call void @llvm.dbg.value(metadata i32 %inc, metadata !975, metadata !DIExpression()), !dbg !978

br label %for.cond4, !dbg !996, !llvm.loop !997

[2/5]

for.cond4:; preds = %for.inc, %for.body3

%k.0 = phi i32 [1, %for.body3], [%inc, %for.inc], !dbg !980

call void @llvm.dbg.value(metadata i32 %k.0, metadata !975, metadata !DIExpression()), !dbg !978

%cmp5 = icmp slt i32 %k.0, 5, !dbg !982

br i1 %cmp5, label %for.body6, label %for.end, !dbg !983