; preds = %for.inc17, %for.body3 for.cond4: %2 = load i32, i32* %k, align 4, !dbg !984 %cmp5 = icmp slt i32 %2, 10, !dbg !986 br i1 %cmp5, label %for.body6, label %for.end19, !dbg !987 for.body6: ; preds = % for .cond4 for.cond7: ; preds = %for.inc, %for.body6 call void @llvm.dbg.declare(metadata i32* %m, metadata !988, metadata !DIExpression()), !dbg !991 ; preds = % for.cond7 %3 = load i32, i32* %m, align 4, !dbg !993 for.end: store i32 0, i32* %m, align 4, !dbg !991 %cmp8 = icmp slt i32 %3, 5, !dbg !995 br label %for.inc17, !dbg !1011

br i1 %cmp8, label %for.body9, label %for.end, !dbg !996

; preds = % for.cond7for.body9: %call10 = call i32 @rand() #3, !dbg !997 %rem = srem i32 %call10, 10, !dbg !999 %4 = load i32, i32* %i, align 4, !dbg !1000 %idxprom = sext i32 %4 to i64, !dbg !1001 % arrayidx = getelementptr inbounds [100 x [10 x [10 x [5 x i32]]]], [100 x [10 x [10 x [5 x i32]]]] * % a, i64 0, i64 % idxprom, !dbg !1001 %5 = load i32, i32* %j, align 4, !dbg !1002 %idxprom11 = sext i32 %5 to i64, !dbg !1001 %arrayidx12 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx, i64 0, i64 %idxprom11, !dbg !1001 %6 = load i32, i32* %k, align 4, !dbg !1003 %idxprom13 = sext i32 %6 to i64, !dbg !1001 %arrayidx14 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx12, i64 0, i64 %idxprom13, !dbg !1001 %7 = load i32, i32* %m, align 4, !dbg !1004 %idxprom15 = sext i32 %7 to i64, !dbg !1001 %arrayidx16 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !1001 store i32 %rem, i32* %arrayidx16, align 4, !dbg !1005 br label %for.inc, !dbg !1006

br label %for.cond7, !dbg !992

for.inc17: ; preds = %for.end %9 = load i32, i32* %k, align 4, !dbg !1012 %inc18 = add nsw i32 %9, 1, !dbg !1012 store i32 %inc18, i32* %k, align 4, !dbg !1012 br label %for.cond4, !dbg !1013, !llvm.loop !1014

for.inc: ; preds = %for.body9 %8 = load i32, i32* %m, align 4, !dbg !1007 %inc = add nsw i32 %8, 1, !dbg !1007 store i32 %inc, i32* %m, align 4, !dbg !1007 br label %for.cond7, !dbg !1008, !llvm.loop !1009