for.cond1: ; preds = %for.inc11, %for.body %j.0 = phi i32 [ 0, %for.body ], [ %inc12, %for.inc11 ], !dbg !971 call void @llvm.dbg.value(metadata i32 %j.0, metadata !966, metadata !DIExpression()), !dbg !969 %cmp2 = icmp slt i32 %j.0, 10, !dbg !973 br i1 %cmp2, label %for.body3, label %for.end13, !dbg !974 for.cond4: ; preds = %for.inc, %for.body3 [11/12] %k.0 = phi i32 [ 0, %for.body3 ], [ %inc, %for.inc ], !dbg !980 for.body3: ; preds = %for.cond1 ; preds = %for.cond4 for.end: call void @llvm.dbg.value(metadata i32 0, metadata !975, metadata !DIExpression()), !dbg !978 call void @llvm.dbg.value(metadata i32 %k.0, metadata !975, metadata !DIExpression()), !dbg !978 br label %for.inc11, !dbg !994 br label %for.cond4, !dbg !979 %cmp5 = icmp slt i32 %k.0, 5, !dbg !982 br i1 %cmp5, label %for.body6, label %for.end, !dbg !983 for.body6: ; preds = %for.cond4 %call = call i32 @rand() #3, !dbg !984 %rem = srem i32 %call, 10, !dbg !986 [0/1]%idxprom = sext i32 %i.0 to i64, !dbg !987 for.inc: ; preds = % for.body6%arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom, !dbg !987 %inc = add nsw i32 %k.0, 1, !dbg !990 %idxprom7 = sext i32 %j.0 to i64, !dbg !987 call void @llvm.dbg.value(metadata i32 %inc, metadata !975, metadata !DIExpression()), !dbg !978 %arrayidx8 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx, i64 0, i64 %idxprom7, !dbg !987 br label %for.cond4, !dbg !991, !llvm.loop !992 %idxprom9 = sext i32 %k.0 to i64, !dbg !987 %arrayidx10 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx8, i64 0, i64 %idxprom9, !dbg !987 store i32 %rem, i32\* %arrayidx10, align 4, !dbg !988

br label %for.inc, !dbg !989

for.inc11: ; preds = %for.end
%inc12 = add nsw i32 %j.0, 1, !dbg !995
call void @llvm.dbg.value(metadata i32 %inc12, metadata !966, metadata !DIExpression()), !dbg !969
br label %for.cond1, !dbg !996, !llvm.loop !997