for.cond1: ; preds = %for.inc12, %for.body %j.0 = phi i32 [ 0, %for.body ], [ %inc13, %for.inc12 ], !dbg !973 call void @llvm.dbg.value(metadata i32 %j.0, metadata !968, metadata !DIExpression()), !dbg !971 %cmp2 = icmp slt i32 %j.0, 10, !dbg !975 br i1 %cmp2, label %for.body3, label %for.end14, !dbg !976

for.body3: ; preds = %for.cond1 call void @llvm.dbg.value(metadata i32 0, metadata !977, metadata !DIExpression()), !dbg !980 br label %for.cond4, !dbg !981

for.cond4: ; preds = %for.inc, %for.body3
%k.0 = phi i32 [ 0, %for.body3 ], [ %inc, %for.inc ], !dbg !982
call void @llvm.dbg.value(metadata i32 %k.0, metadata !977, metadata !DIExpression()), !dbg !980
%cmp5 = icmp slt i32 %k.0, 5, !dbg !984
br i1 %cmp5, label %for.body6, label %for.end, !dbg !985

for.end: ; preds = %for.cond4 br label %for.inc12, !dbg !996

for.inc12: ; preds = %for.end
%inc13 = add nsw i32 %j.0, 1, !dbg !997
call void @llvm.dbg.value(metadata i32 %inc13, metadata !968, metadata !DIExpression()), !dbg !971
br label %for.cond1, !dbg !998, !llvm.loop !999

for.body6:

; preds = % for.cond4

%call7 = call i32 @rand() #3, !dbg !986

%rem = srem i32 %call7, 10, !dbg !988

%idxprom = sext i32 %i.0 to i64, !dbg !989

%arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom, !dbg !989

%idxprom8 = sext i32 %j.0 to i64, !dbg !989

%arrayidx9 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx, i64 0, i64 %idxprom8, !dbg !989 %idxprom10 = sext i32 %k.0 to i64, !dbg !989

%arrayidx11 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx9, i64 0, i64 %idxprom10, !dbg !989 store i32 %rem, i32\* %arrayidx11, align 4, !dbg !990

br label %for.inc, !dbg !991

for.inc:

; preds = % for.body6

%inc = add nsw i32 %k.0, 1, !dbg !992

call void @llvm.dbg.value(metadata i32 %inc, metadata !977, metadata !DIExpression()), !dbg !980 br label %for.cond4, !dbg !993, !llvm.loop !994