entry:
```
entry:
%a = alloca [100 x [10 x [5 x i32]]], align 16
call void @llvm.dbg.declare(metadata [100 x [10 x [5 x i32]]]* %a, metadata !951, metadata !DIExpression()), !dbg !957
call void @llvm.dbg.value(metadata i32 0, metadata !958, metadata !DIExpression()), !dbg !960
br label %for.cond, !dbg !961
```

for.cond:
```
for.cond:                                         ; preds = %for.inc22, %entry
%i.0 = phi i32 [ 0, %entry ], [ %inc23, %for.inc22 ], !dbg !962
call void @llvm.dbg.value(metadata i32 %i.0, metadata !958, metadata !DIExpression()), !dbg !960
%cmp = icmp slt i32 %i.0, 100, !dbg !964
br i1 %cmp, label %for.body, label %for.end24, !dbg !965
```

for.end24:
```
for.end24:                                        ; preds = %for.cond
ret i32 0, !dbg !1010
```

for.body:
```
for.body:                                         ; preds = %for.cond
call void @llvm.dbg.value(metadata i32 0, metadata !966, metadata !DIExpression()), !dbg !969
br label %for.cond1, !dbg !970
```

for.cond1:
```
for.cond1:                                        ; preds = %for.inc19, %for.body
%j.0 = phi i32 [ 0, %for.body ], [ %inc20, %for.inc19 ], !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.end21, !dbg !974
```

for.end21:
```
for.end21:                                        ; preds = %for.cond1
br label %for.inc22, !dbg !1005
```

for.inc22:
```
for.inc22:                                        ; preds = %for.end21
%inc23 = add nsw i32 %i.0, 1, !dbg !1006
call void @llvm.dbg.value(metadata i32 %inc23, metadata !958, metadata !DIExpression()), !dbg !960
br label %for.cond, !dbg !1007, !llvm.loop !1008
```

for.body3:
```
for.body3:                                        ; preds = %for.cond1
call void @llvm.dbg.value(metadata i32 1, metadata !975, metadata !DIExpression()), !dbg !978
br label %for.cond4, !dbg !979
```

for.cond4:
```
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
```

for.end:
```
for.end:                                          ; preds = %for.cond4
br label %for.inc19, !dbg !1000
```

for.inc19:
```
for.inc19:                                        ; preds = %for.end
%inc20 = add nsw i32 %j.0, 1, !dbg !1001
call void @llvm.dbg.value(metadata i32 %inc20, metadata !966, metadata !DIExpression()), !dbg !969
br label %for.cond1, !dbg !1002, !llvm.loop !1003
```

for.body6:
```
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
%sub = sub nsw i32 %k.0, 1, !dbg !991
%idxprom10 = sext i32 %sub 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 !992
%idxprom13 = sext i32 %i.0 to i64, !dbg !993
%arrayidx14 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom13, !dbg !993
%idxprom15 = sext i32 %j.0 to i64, !dbg !993
%arrayidx16 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !993
%idxprom17 = sext i32 %k.0 to i64, !dbg !993
%arrayidx18 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx16, i64 0, i64 %idxprom17, !dbg !993
store i32 %add12, i32* %arrayidx18, align 4, !dbg !994
br label %for.inc, !dbg !995
```

for.inc:
```
for.inc:                                          ; preds = %for.body6
%inc = add nsw i32 %k.0, 1, !dbg !996
call void @llvm.dbg.value(metadata i32 %inc, metadata !975, metadata !DIExpression()), !dbg !978
br label %for.cond4, !dbg !997, !llvm.loop !998
```