

[3/4]

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

[0/1]

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

[2/5]

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