```
[2/5]
                                                 ; preds = %for.inc, %for.body3
              for.cond4:
                 %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.inc:

```
%call7 = call i32 @rand() #3, !dbg !986
                                                                                                                                               %rem = srem i32 %call7, 10, !dbg !988
                                                                                                                                             %idxprom = sext i32 %i.0 to i64, !dbg !989
                                                      ; 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 !989
                             %inc = add nsw i32 %k.0, 1, !dbg !992
                                                                                                                                            %idxprom8 = sext i32 %j.0 to i64, !dbg !989
call void @llvm.dbg.value(metadata i32 %inc, metadata !977, metadata !DIExpression()), !dbg !980
                                                                                                          %arrayidx9 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx, i64 0, i64 %idxprom8, !dbg !989
                         br label %for.cond4, !dbg !993, !llvm.loop !994
                                                                                                                                           %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.body6:

[3/4]

; preds = % for.cond4