```
%j.0 = phi i32 [ 0, %for.body ], [ %inc, %for.inc ], !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.end, !dbg !974
                              for.body3:
                                                                  ; preds = \% for.cond1
                                        %call = call i32 @rand() #3, !dbg !975
                                        %rem = srem i32 %call, 10, !dbg !977
                                                                                                                                                                           [1/2]
                                      %idxprom = sext i32 %i.0 to i64, !dbg !978
                                                                                                                                                  for.inc:
                                                                                                                                                                                     ; preds = \% for.body3
%arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom, !dbg !978
                                                                                                                                                           %inc = add nsw i32 %j.0, 1, !dbg !981
                                     %idxprom4 = sext i32 %j.0 to i64, !dbg !978
                                                                                                                             call void @llvm.dbg.value(metadata i32 %inc, metadata !966, metadata !DIExpression()), !dbg !969
   %arrayidx5 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx, i64 0, i64 %idxprom4, !dbg !978
                                                                                                                                                       br label %for.cond1, !dbg !982, !llvm.loop !983
             %arrayidx6 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx5, i64 0, i64 0, !dbg !978
                                 store i32 %rem, i32* %arrayidx6, align 4, !dbg !979
                                             br label %for.inc, !dbg !980
```

; preds = %for.inc, %for.body

for.cond1: