```
%cmp5 = icmp slt i32 %k.0, 5, !dbg !982
                                                                                        br i1 %cmp5, label %for.body6, label %for.end, !dbg !983
                                                        [3/4]
                              for.body6:
                                                                  ; preds = \% for.cond4
                                        %call = call i32 @rand() #3, !dbg !984
                                        %rem = srem i32 %call, 10, !dbg !986
                                     %idxprom = sext i32 %i.0 to i64, !dbg !987
%arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom, !dbg !987
                                     %idxprom7 = sext i32 %j.0 to i64, !dbg !987
   %arrayidx8 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx, i64 0, i64 %idxprom7, !dbg !987
                                    %idxprom9 = sext i32 %k.0 to i64, !dbg !987
        %arrayidx10 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx8, i64 0, i64 %idxprom9, !dbg !987
                                 store i32 %rem, i32* %arrayidx10, align 4, !dbg !988
                                             br label %for.inc, !dbg !989
```

[2/5]

%k.0 = phi i32 [0, %for.body3], [%inc, %for.inc], !dbg !980 call void @llvm.dbg.value(metadata i32 %k.0, metadata !975, metadata !DIExpression()), !dbg !978

; preds = %for.inc, %for.body3

for.cond4:

[0/1]

for.inc:

; preds = %for.body6

%inc = add nsw i32 %k.0, 1, !dbg !990

call void @llvm.dbg.value(metadata i32 %inc, metadata !975, metadata !DIExpression()), !dbg !978

br label %for.cond4, !dbg !991, !llvm.loop !992