```
%i.0 = phi i32 [ 0, %entry ], [ %inc, %for.inc ], !dbg !1309
                                                                                                                                                                                                        %a = alloca [100 x %struct.Node], align 16
                                                      call void @llvm.dbg.value(metadata i32 %i.0, metadata !1305, metadata !DIExpression()), !dbg !1307
                                                                                                                                                                  call void @llvm.dbg.declare(metadata [100 x %struct.Node]* %a, metadata !1293, metadata !DIExpression()), !dbg !1304
                                                                                  %cmp = icmp ult i32 %i.0, 100, !dbg !1311
                                                                                                                                                                             call void @llvm.dbg.value(metadata i32 0, metadata !1305, metadata !DIExpression()), !dbg !1307
                                                                            br i1 %cmp, label %for.body, label %for.end, !dbg !1312
                                                                                                                                                                                                             br label %for.cond, !dbg !1308
                                                                                                                                  for.body:
                                                                                                                                                                     ; preds = \% for .cond
                                                                                                         %arrayidx = getelementptr inbounds [100 x %struct.Node], [100 x %struct.Node]* %a, i64 0, i64 0, i64 0, idbg !1313
                                                                                                               %array = getelementptr inbounds %struct.Node, %struct.Node* %arrayidx, i32 0, i32 0, !dbg !1315
                                                                                                                                        %idxprom = zext i32 %i.0 to i64, !dbg !1313
                                                                                                            %arrayidx1 = getelementptr inbounds [100 x i32], [100 x i32]* %array, i64 0, i64 %idxprom, !dbg !1313
                                                      ; preds = \% for.body
                     for.inc:
                                                                                                                                     store i32 %i.0, i32* %arrayidx1, align 4, !dbg !1316
                               %inc = add i32 %i.0, 1, !dbg !1322
                                                                                                                                            %rem = urem i32 %i.0, 10, !dbg !1317
call void @llvm.dbg.value(metadata i32 %inc, metadata !1305, metadata !DIExpression()), !dbg !1307
                                                                                                         %arrayidx2 = getelementptr inbounds [100 x %struct.Node], [100 x %struct.Node]* %a, i64 0, i64 0, id4 0, id5 !1318
                        br label %for.cond, !dbg !1323, !llvm.loop !1324
                                                                                                            %checksum = getelementptr inbounds %struct.Node, %struct.Node* %arrayidx2, i32 0, i32 1, !dbg !1319
                                                                                                                                        %idxprom3 = zext i32 %i.0 to i64, !dbg !1318
                                                                                                         %arrayidx4 = getelementptr inbounds [100 x i32], [100 x i32]* %checksum, i64 0, i64 %idxprom3, !dbg !1318
                                                                                                                                     store i32 %rem, i32* %arrayidx4, align 4, !dbg !1320
                                                                                                                                                br label %for.inc, !dbg !1321
```

; preds = %for.inc, %entry

for.cond:

[4/5] for.end: ; preds = %for.cond ret i32 0, !dbg !1326