%a = alloca [100 x %struct.Node], align 16 call void @llvm.dbg.declare(metadata [100 x %struct.Node]\* %a, metadata !1293, metadata !DIExpression()), !dbg !1304 || || for.end: call void @llvm.dbg.value(metadata i32 0, metadata !1305, metadata !DIExpression()), !dbg !1307 br label %for.cond, !dbg !1308

```
; preds = %for.cond
ret i32 0, !dbg !1326
```

```
; preds = %for.inc, %entry
                    for.cond:
                      %i.0 = phi i32 [ 0, %entry ], [ %inc, %for.inc ], !dbg !1309
call void @llvm.dbg.value(metadata i32 %i.0, metadata !1305, metadata !DIExpression()), !dbg !1307
                              %cmp = icmp ult i32 %i.0, 100, !dbg !1311
                       br i1 %cmp, label %for.body, label %for.end, !dbg !1312
```

```
; preds = %for.cond
                                                                                                      %arrayidx = getelementptr inbounds [100 x %struct.Node], [100 x %struct.Node]* %a, i64 0, i64 0, !dbg !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
                                                                                                                                  store i32 %i.0, i32* %arrayidx1, align 4, !dbg !1316
                                                                                                                                        %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, !dbg !1318
                                                                                                          %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.body

%inc = add i32 %i.0, 1, !dbg !1322

br label %for.cond, !dbg !1323, !llvm.loop !1324

for.inc: