```
[2/5]
                                 for.cond:
                                                                      ; preds = %for.inc, %entry
                                            %1 = load i32, i32* %i, align 4, !dbg !1310
                                            %cmp = icmp ult i32 %1, 100, !dbg !1312
                                     br i1 %cmp, label %for.body, label %for.end, !dbg !1313
                          [3/4]
for.body:
                                    ; preds = \% for .cond
  %call2 = call i8* @_Znam(i64 4000) #10, !dbg !1314
                                                                                                    [0/1]
       %2 = bitcast i8* %call2 to i32*, !dbg !1314
                                                                          for.inc:
                                                                                                              ; preds = \% for.body
    %3 = load i32**, i32*** %a, align 8, !dbg !1316
                                                                                 \%5 = \text{load i}32, i32*\%i, align 4, !dbg !1320
       %4 = load i32, i32* %i, align 4, !dbg !1317
                                                                                      %inc = add i32 %5, 1, !dbg !1320
       %idxprom = zext i32 %4 to i64, !dbg !1316
                                                                                 store i32 %inc, i32* %i, align 4, !dbg !1320
```

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%arrayidx = getelementptr inbounds i32*, i32** %3, i64 %idxprom, !dbg !1316

store i32* %2, i32** %arrayidx, align 8, !dbg !1318 br label %for.inc, !dbg !1319

br label %for.cond, !dbg !1321, !llvm.loop !1322