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```
for.cond:                                ; preds = %for.inc, %entry
    %m.0 = phi i32 [ 0, %entry ], [ %inc, %for.inc ], !dbg !1311
    call void @llvm.dbg.value(metadata i32 %m.0, metadata !1307, metadata !DIExpression()), !dbg !1309
    %cmp = icmp slt i32 %m.0, 5, !dbg !1313
    br i1 %cmp, label %for.body, label %for.end, !dbg !1314
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for.body:                                ; preds = %for.cond
    call void @llvm.dbg.value(metadata i32 1, metadata !1315, metadata !DIExpression()), !dbg !1316
    %idxprom = sext i32 0 to i64, !dbg !1317
    %arrayidx = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom, !dbg !1317
    %idxprom1 = sext i32 1 to i64, !dbg !1317
    %arrayidx2 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx, i64 0, i64 %idxprom1, !dbg !1317
    %idxprom3 = sext i32 1 to i64, !dbg !1317
    %arrayidx4 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx2, i64 0, i64 %idxprom3, !dbg !1317
    %idxprom5 = sext i32 %m.0 to i64, !dbg !1317
    %arrayidx6 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx4, i64 0, i64 %idxprom5, !dbg !1317
    %0 = load i32, i32* %arrayidx6, align 4, !dbg !1317
    %sub = sub nsw i32 %0, 100, !dbg !1319
    %idxprom7 = sext i32 0 to i64, !dbg !1320
    %arrayidx8 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom7, !dbg !1320
    %idxprom9 = sext i32 1 to i64, !dbg !1320
    %arrayidx10 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx8, i64 0, i64 %idxprom9, !dbg !1320
    %idxprom11 = sext i32 1 to i64, !dbg !1320
    %arrayidx12 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx10, i64 0, i64 %idxprom11, !dbg !1320
    %idxprom13 = sext i32 %m.0 to i64, !dbg !1320
    %arrayidx14 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx12, i64 0, i64 %idxprom13, !dbg !1320
    store i32 %sub, i32* %arrayidx14, align 4, !dbg !1321
    call void @llvm.dbg.value(metadata i32 2, metadata !1315, metadata !DIExpression()), !dbg !1316
    %idxprom15 = sext i32 0 to i64, !dbg !1322
    %arrayidx16 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom15, !dbg !1322
    %idxprom17 = sext i32 1 to i64, !dbg !1322
    %arrayidx18 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx16, i64 0, i64 %idxprom17, !dbg !1322
    %idxprom19 = sext i32 2 to i64, !dbg !1322
    %arrayidx20 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx18, i64 0, i64 %idxprom19, !dbg !1322
    %idxprom21 = sext i32 %m.0 to i64, !dbg !1322
    %arrayidx22 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx20, i64 0, i64 %idxprom21, !dbg !1322
    %1 = load i32, i32* %arrayidx22, align 4, !dbg !1322
    %sub23 = sub nsw i32 %1, 200, !dbg !1323
    %idxprom24 = sext i32 0 to i64, !dbg !1324
    %arrayidx25 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom24, !dbg !1324
    %idxprom26 = sext i32 1 to i64, !dbg !1324
    %arrayidx27 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx25, i64 0, i64 %idxprom26, !dbg !1324
    %idxprom28 = sext i32 2 to i64, !dbg !1324
    %arrayidx29 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx27, i64 0, i64 %idxprom28, !dbg !1324
    %idxprom30 = sext i32 %m.0 to i64, !dbg !1324
    %arrayidx31 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx29, i64 0, i64 %idxprom30, !dbg !1324
    store i32 %sub23, i32* %arrayidx31, align 4, !dbg !1325
    br label %for.inc, !dbg !1326
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for.inc:                                ; preds = %for.body
    %inc = add nsw i32 %m.0, 1, !dbg !1327
    call void @llvm.dbg.value(metadata i32 %inc, metadata !1307, metadata !DIExpression()), !dbg !1309
    br label %for.cond, !dbg !1328, !llvm.loop !1329
```