

store i32 %inc, i32* %m, align 4, !dbg !1007

br label %for.cond7, !dbg !1008, !llvm.loop !1009

%6 = load i32, i32* %k, align 4, !dbg !1003 %idxprom13 = sext i32 %6 to i64, !dbg !1001

%arrayidx14 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx12, i64 0, i64 %idxprom13, !dbg !1001 %7 = load i32, i32* %m, align 4, !dbg !1004

%idxprom15 = sext i32 %7 to i64, !dbg !1001 %arrayidx16 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !1001

store i32 %rem, i32* %arrayidx16, align 4, !dbg !1005 br label %for.inc, !dbg !1006

[20/21]
for.end25: ; preds = %for.cond
ret i32 0, !dbg !1026