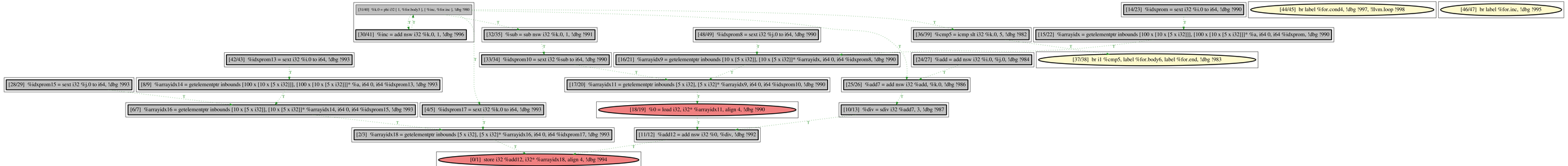
[31/40] %k.0 = phi i32 [1, %for.body3], [%inc, %for.inc], !dbg !980
[30/41] %inc = add nsw i32 %k.0, 1, !dbg !996
[32/35] %sub = sub nsw i32 %k.0, 1, !dbg !991
[48/49] %idxprom8 = sext i32 %j.0 to i64, !dbg !990
[36/39] %cmp5 = icmp slt i32 %k.0, 5, !dbg !982
[14/23] %idxprom = sext i32 %i.0 to i64, !dbg !990
[44/45] br label %for.cond4, !dbg !997, !llvm.loop !998
[46/47] br label %for.inc, !dbg !995
[15/22] %arrayidx = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom, !dbg !990
[42/43] %idxprom13 = sext i32 %i.0 to i64, !dbg !993
[33/34] %idxprom10 = sext i32 %sub to i64, !dbg !990
[16/21] %arrayidx9 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx, i64 0, i64 %idxprom8, !dbg !990
[24/27] %add = add nsw i32 %i.0, %j.0, !dbg !984
[37/38] br i1 %cmp5, label %for.body6, label %for.end, !dbg !983
[28/29] %idxprom15 = sext i32 %j.0 to i64, !dbg !993
[8/9] %arrayidx14 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom13, !dbg !993
[17/20] %arrayidx11 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx9, i64 0, i64 %idxprom10, !dbg !990
[25/26] %add7 = add nsw i32 %add, %k.0, !dbg !986
[6/7] %arrayidx16 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx14, i64 0, i64 %idxprom15, !dbg !993
[4/5] %idxprom17 = sext i32 %k.0 to i64, !dbg !993
[18/19] %0 = load i32, i32* %arrayidx11, align 4, !dbg !990
[10/13] %div = sdiv i32 %add7, 3, !dbg !987
[2/3] %arrayidx18 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx16, i64 0, i64 %idxprom17, !dbg !993
[11/12] %add12 = add nsw i32 %0, %div, !dbg !992
[0/1] store i32 %add12, i32* %arrayidx18, align 4, !dbg !994