

[14/15]

for.end:

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[12/13]
                                                       for.cond7:
                     preds = \% for .cond
store i32 1, i32* %i6, align 4
    br label %for.cond7
                                                        ; preds = \% for.cond7
                    for.body9:
                                 %5 = load i32, i32* \%i6, align 4
                                 % idxprom 10 = zext i 32 \% 5 to i 64
    %arrayidx11 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom10
                             \%6 = \text{load i} 32, i 32* \% \text{arrayid} x 11, align 4
                                 \%7 = \text{load i}32, i32*\%i6, align 4
                                 % idxprom 12 = zext i 32 \% 7 to i 64
    %arrayidx13 = getelementptr inbounds [100 x i32], [100 x i32]* %b, i64 0, i64 %idxprom12
                             %8 = load i32, i32* %arrayidx13, align 4
                                     %add = add i32 %6, %8
                                 %9 = load i32, i32* %i6, align 4
                                 %idxprom14 = zext i32 %9 to i64
    %arrayidx15 = getelementptr inbounds [100 x i32], [100 x i32]* %c, i64 0, i64 %idxprom14
                             store i32 %add, i32* %arrayidx15, align 4
                                 %10 = load i32, i32* \%i6, align 4
                                      % sub = sub i32 %10, 1
                                \%idxprom16 = zext i32 \%sub to i64
    %arrayidx17 = getelementptr inbounds [100 x i32], [100 x i32]* %c, i64 0, i64 %idxprom16
                             %11 = load i32, i32* %arrayidx17, align 4
                                 %12 = load i32, i32* \%i6, align 4
                                \%idxprom18 = zext i32 \% 12 to i64
    %arrayidx19 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom18
                             store i32 %11, i32* %arrayidx19, align 4
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br label %for.inc20

; preds = %for.inc20, %for.end %4 = load i32, i32*%i6, align 4%cmp8 = icmp ult i32 %4, 100 br i1 %cmp8, label %for.body9, label %for.end22

[1/2] for.inc20: preds = % for.body9%13 = load i32, i32* %i6, align 4%inc21 = add i32 %13, 1 store i32 %inc21, i32* %i6, align 4

br label %for.cond7