[6/7]
entry:
%retval = alloca i32, align 4
%a = alloca [100 x i32], align 16
%i = alloca i32, align 4
store i32 0, i32* %retval, align 4
store i32 1, i32* %i, align 4
br label %for.cond

[for.end:

[8/9]
for.end: ; preds = %for.cond
ret i32 0

```
for.body:
                                                 ; preds = %for.cond
                           %1 = load i32, i32* %i, align 4
                               %sub = sub i32 %1, 1
                          %idxprom = zext i32 %sub to i64
%arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom
                       %2 = load i32, i32* %arrayidx, align 4
                           %3 = load i32, i32* \%i, align 4
                          %idxprom1 = zext i32 %3 to i64
%arrayidx2 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom1
                       store i32 %2, i32* %arrayidx2, align 4
                                  br label %for.inc
```



