

```
entry:  
%retval = alloca i32, align 4  
%a = alloca i32, align 4  
%c = alloca i32, align 4  
%source = alloca i32, align 4  
%sink = alloca i32, align 4  
store i32 0, i32* %retval, align 4  
store i32 42, i32* %source, align 4  
%0 = load i32, i32* %a, align 4  
%cmp = icmp sgt i32 %0, 0  
br i1 %cmp, label %if.then, label %if.else
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if.then:

```
%1 = load i32, i32* %c, align 4  
%add = add nsw i32 %1, 10  
store i32 %add, i32* %c, align 4  
%2 = load i32, i32* %source, align 4  
store i32 %2, i32* %sink, align 4  
br label %if.end
```

if.else:

```
%3 = load i32, i32* %c, align 4  
%add1 = add nsw i32 %3, 15  
store i32 %add1, i32* %c, align 4  
br label %if.end
```

if.end:

```
%4 = load i32, i32* %retval, align 4  
ret i32 %4
```

CFG for 'main' function