

entry:

```
%retval = alloca i32, align 4
%x = alloca i32, align 4
%a = alloca i32, align 4
%b = alloca i32, align 4
store i32 0, i32* %retval, align 4
store i32 10, i32* %a, align 4
store i32 5, i32* %b, 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* %b, align 4
%add = add nsw i32 3, %1
store i32 %add, i32* %x, align 4
br label %if.end
```

if.else:

```
%2 = load i32, i32* %b, align 4
%sub = sub nsw i32 3, %2
store i32 %sub, i32* %x, align 4
br label %if.end
```

if.end:

```
%3 = load i32, i32* %retval, align 4
ret i32 %3
```

CFG for 'main' function