

entry:

```
%retval = alloca i32, align 4
%a = alloca i32, align 4
%b = alloca i32, align 4
%c = alloca i32, align 4
%d = alloca i32, align 4
%e = alloca i32, align 4
%f = alloca i32, align 4
store i32 0, i32* %retval, 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
```

T

F

if.then:

```
store i32 -1, i32* %f, align 4
br label %if.end
```

if.else:

```
%1 = load i32, i32* %b, align 4
store i32 %1, i32* %c, align 4
br label %if.end
```

if.end:

```
%2 = load i32, i32* %d, align 4
store i32 %2, i32* %e, align 4
%3 = load i32, i32* %retval, align 4
ret i32 %3
```

CFG for 'main' function