

```
entry:  
  %retval = alloca i32, align 4  
  %i = alloca i32, align 4  
  %j = alloca i32, align 4  
  %k = alloca i32, align 4  
  %sink = alloca i32, align 4  
  %source = alloca i32, align 4  
  store i32 0, i32* %retval, align 4  
  %0 = load i32, i32* %i, align 4  
  %cmp = icmp sgt i32 %0, 1  
  br i1 %cmp, label %if.then, label %if.else
```

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```
if.then:  
  %1 = load i32, i32* %source, align 4  
  store i32 %1, i32* %j, align 4  
  br label %if.end
```

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if.else:  
  %2 = load i32, i32* %j, align 4  
  store i32 %2, i32* %k, align 4  
  br label %if.end
```

```
if.end:  
  %3 = load i32, i32* %k, align 4  
  store i32 %3, i32* %sink, align 4  
  %4 = load i32, i32* %retval, align 4  
  ret i32 %4
```

CFG for 'main' function