

```
entry:  
  %retval = alloca i32, align 4  
  %a1 = alloca i32, align 4  
  %x = alloca i32, align 4  
  store i32 0, i32* %retval, align 4  
  %0 = load i32, i32* %a1, align 4  
  store i32 %0, i32* %x, align 4  
  %1 = load i32, i32* %x, align 4  
  %cmp = icmp ne i32 %1, 123456  
  br i1 %cmp, label %if.then, label %if.else
```

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if.then:

```
%2 = load i32, i32* %x, align 4  
store i32 %2, i32* %retval, align 4  
br label %return
```

if.else:

```
%3 = load i32, i32* %x, align 4  
store i32 %3, i32* %retval, align 4  
br label %return
```

return:

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

CFG for 'main' function