

```
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