

i32 @main()

```
%n = alloca i32, align 4  
store i32 10, i32* %n, align 4  
%1 = load i32, i32* %n, align 4  
%cmp = icmp slt i32 %1, 42  
br i1 %cmp, label %if.then, label %if.end
```

```
%bar_result = alloca i32, align 4  
%call1 = call i32 @bar()  
store i32 %call1, i32* %bar_result
```

```
ret i32 0
```

i32 @bar()

```
%y = alloca i32, align 4  
%call = call i32 @qux()  
store i32 %call, i32* %y, align 4  
%0 = load i32, i32* %y, align 4  
ret i32 %0
```

i32 @qux()

```
ret i32 42
```