

```
a := Assign 3  
b := Assign 4  
Goto .BB1
```

BB0

```
c := Assign 5  
IfGoto cond, .BB2, .BB3
```

BB1

BB2

BB3



```
a := Assign 3  
b := Assign 4  
Goto .BB1
```

BB0

```
c := Assign 5  
IfGoto cond, .BB2, .BB3
```

BB1

BB2

BB3

```
a := Assign 3  
b := Assign 4  
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB0
```

```
graph TD; BB0["a := Assign 3  
b := Assign 4  
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB0"] --> BB1["c := Assign 5  
IfGoto cond, .BB2, .BB3 BB1"]; BB1 --> BB2["BB2"]; BB1 --> BB3["BB3"]; BB2 --> BB0; BB3 --> BB0;
```

```
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB1
```

BB2

BB3

```
a := Assign 3  
b := Assign 4  
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB0
```

```
graph TD; BB0["a := Assign 3  
b := Assign 4  
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB0"] --> BB2["BB2"]; BB0 --> BB3["BB3"]; BB1["c := Assign 5  
IfGoto cond, .BB2, .BB3 BB1"] --> BB2; BB1 --> BB3; BB2 --> BB0; BB3 --> BB0;
```

```
c := Assign 5  
IfGoto cond, .BB2, .BB3 BB1
```

BB2

BB3

a := Assign 3

b := Assign 4

c := Assign 5

IfGoto cond, .BB2, .BB3 *BB0*

c := Assign 5

IfGoto cond, .BB2, .BB3 *BB1*

BB2

BB3

```
a := Assign 3
```

```
b := Assign 4
```

```
c := Assign 5
```

```
IfGoto cond, .BB2, .BB3 BB0
```

```
BB2
```

```
BB3
```

