

0  
##prologue  
##branch

```
graph TD; 0[0] --> 1[1]; 1 --> 2[2]; 2 --> 3[3]; 3 --> 2; 2 --> 4[4]; 4 --> 5[5];
```

1  
##inc-d 3  
##load-integer 1 0  
##load-integer 2 100  
##load-integer 3 0  
##copy 4 2 any-rep  
##copy 5 1 any-rep  
##copy 6 4 any-rep  
##copy 7 3 any-rep  
##branch

2  
##compare-integer 10 7 6 cc< 9  
##copy 11 10 any-rep  
##copy 18 6 any-rep  
##copy 19 10 any-rep  
##compare-imm-branch 11 f cc/=

3  
##load-integer 12 1  
##add 13 5 12  
##load-integer 14 1  
##add 15 7 14  
##copy 16 7 any-rep  
##copy 4 6 any-rep  
##copy 5 13 any-rep  
##copy 7 15 any-rep  
##branch

4  
##inc-d -2  
##replace 5 D 0  
##branch

5  
##epilogue  
##return