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rakesh@Ubuntu: ~/Downloads
rakesh@Ubuntu:~/Downloads$ gcc probe.c -o probe.out
probe.c:11: warning: "MSG_CONFIRM" redefined
  11 | #define MSG_CONFIRM 0
      |
In file included from /usr/include/x86_64-linux-gnu/sys/socket.h:33,
               from probe.c:1:
/usr/include/x86_64-linux-gnu/bits/socket.h:232: note: this is the location of the
previous definition
  232 | #define MSG_CONFIRM      MSG_CONFIRM
      |
rakesh@Ubuntu:~/Downloads$ ./probe.out 8001 1 1 8003
creating a node at 8001 1

Sending Probe to: 8003
Recieved probe: 8001 8002 8001
Deadlock is detectedSending Probe to: 8003
rakesh@Ubuntu:~/Downloads$
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```
rakesh@Ubuntu: ~/Downloads
rakesh@Ubuntu:~/Downloads$ ./probe.out 8002 0 2 8004 8001
creating a node at 8002 0

Recieved probe: 8001 8003 8002
Sending Probe to: 8004
Sending Probe to: 8001
Recieved probe: -1 8002 8002
Deadlock has happenedSending Probe to: 8004
Sending Probe to: 8001
rakesh@Ubuntu:~/Downloads$
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```
rakesh@Ubuntu: ~/Downloads
rakesh@Ubuntu:~/Downloads$ ./probe.out 8003 0 2 8005 8002
creating a node at 8003 0

Recieved probe: 8001 8001 8003
Sending Probe to: 8005
Sending Probe to: 8002
Recieved probe: -1 8002 8003
Deadlock has happenedSending Probe to: 8005
Sending Probe to: 8002
rakesh@Ubuntu:~/Downloads$
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```
rakesh@Ubuntu: ~/Downloads
rakesh@Ubuntu:~/Downloads$ ./probe.out 8004 0 0
creating a node at 8004 0

Recieved probe: 8001 8002 8004
Recieved probe: -1 8002 8004
Deadlock has happenedrakesh@Ubuntu:~/Downloads$
```

```
rakesh@Ubuntu: ~/Downloads
rakesh@Ubuntu:~/Downloads$ ./probe.out 8005 0 0
creating a node at 8005 0

Recieved probe: 8001 8003 8005
Recieved probe: -1 8002 8005
Deadlock has happenedrakesh@Ubuntu:~/Downloads$
```