```
bash-5.1# exit
exit
avgust@avgust-linux:~$ sudo ip netns add testns123
avgust@avgust-linux:~$ sudo ip netns list
testns123
avgust@avgust-linux:~$ sudo ip netns exec testns123 bash
root@avgust-linux:/home/avgust# ip a
1: lo: <LOOPBACK> mtu 65536 qdisc noop state DOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
root@avgust-linux:/home/avgust# exit
exit
avgust@avgust-linux:~$ sudo ip link add veth0 type veth peer name veth1
avgust@avgust-linux:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:82:c6:03 brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global dynamic noprefixroute enp0s3
       valid_lft 61776sec preferred_lft 61776sec
    inet6 fe80::41d2:d53c:64fc:29f/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
3: veth1@veth0: <BROADCAST,MULTICAST,M-DOWN> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether e6:0b:0b:89:3f:d3 brd ff:ff:ff:ff:ff:ff
4: veth0@veth1: <BROADCAST,MULTICAST,M-DOWN> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether 52:bc:10:a7:61:cd brd ff:ff:ff:ff:ff:ff
avgust@avgust-linux:~$ sudo ip link set veth1 netns testns123
avgust@avgust-linux:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:82:c6:03 brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global dynamic noprefixroute enp0s3
       valid_lft 61699sec preferred_lft 61699sec
    inet6 fe80::41d2:d53c:64fc:29f/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
4: veth0@if3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether 52:bc:10:a7:61:cd brd ff:ff:ff:ff:ff:ff link-netns testns123
avgust@avgust-linux:~$ sudo ip netns exec testns123 bash
root@avgust-linux:/home/avgust# ip a
1: lo: <LOOPBACK> mtu 65536 qdisc noop state DOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
3: veth1@if4: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether e6:0b:0b:89:3f:d3 brd ff:ff:ff:ff:ff:ff link-netnsid 0
```