

### **Задание 1:**

```
network:  
  version: 2  
  renderer: networkd  
ethernets:  
  enp0s3:  
    dhcp4: no  
    addresses: [192.168.1.80/24]  
    routes:  
      - to: default  
        via: 192.168.0.254  
    nameservers:  
      addresses:  
        - 8.8.8.8  
        - 1.1.1.1  
  
sudo ip addr add 192.168.1.80/24 dev enp0s3  
ping google.com
```

### **Задание 2:**

```
sudo iptables -A INPUT -p tcp --dport=22 -j ACCEPT  
sudo iptables -A INPUT -p tcp --dport=80 -j ACCEPT  
sudo iptables -A INPUT -p tcp --dport=443 -j ACCEPT  
sudo iptables -A INPUT -m state --state ESTABLISHED,RELATED -j ACCEPT  
sudo iptables -P INPUT DROP
```

### **Задание 3:**

```
sudo iptables -A INPUT -s 3.4.5.6 -j DROP
```

### **Задание 4:**

```
sudo iptables -t nat -A PREROUTING -p tcp --dport 8090 -j REDIRECT --to-ports 80
```

### **Задание 5:**

```
sudo iptables -A INPUT -s 192.168.0.0/24 -p tcp --dport 22 -j ACCEPT
```