



Parsing Data using Regex – Lab Task

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<https://t.me/learningnets>

Lab Task

- Create a python script called as regex-lab.py in the /home/rack102-ubuntu/Desktop/rohit directory of the Ubuntu machine.
- This script must get the software version and the IP address and subnet masks of any interface that has an IP address configured

Lab Task

```
#####  
Device: Rack101-R1  
#####
```

Interface Info

```
Interface: Loopback0  
IP Address: 1.1.1.1  
Mask: 255.255.255.255
```

```
Interface: GigabitEthernet1  
IP Address: 10.0.101.2  
Mask: 255.255.255.0
```

```
Interface: GigabitEthernet3  
IP Address: 10.10.10.1  
Mask: 255.255.255.252
```

```
Software Version: 16.09.07
```

```
#####  
Device: Rack101-R2  
#####
```

Interface Info

```
Interface: Loopback10  
IP Address: 10.101.10.1  
Mask: 255.255.255.255
```

```
Interface: GigabitEthernet1  
IP Address: 10.0.101.3  
Mask: 255.255.255.0
```

```
Software Version: 16.09.07
```

```
#####  
Device: Rack101-FW1  
#####
```

Interface Info

```
Interface: GigabitEthernet0/0  
IP Address: 10.0.101.6  
Mask: 255.255.255.0
```

```
Interface: GigabitEthernet0/1  
IP Address: 10.10.1.1  
Mask: 255.255.255.252
```

```
Software Version: 9.14(2)4
```