



Parsing Data using Regex – Lab Task

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

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```

```
Device: Rack101-R1
```

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#####
```

```
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
```

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#####
```

```
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
```

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

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#####
```

```
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
```

