

دانشکده مهندسی کامپیوتر

آزمایشگاه سیستم عامل

امتحان عملي

استاد: دکتر شیخی

پوریا رحیمی (۹۹۵۲۱۲۸۹)

```
$ Q5.sh
1 #!bin/bash
2
3
4 read -p "Enter interface Name: " iname
5
6
7 mac_add=$(ifconfig $iname | grep "ether" | awk '{print $2}')
8 IP_add=$(ifconfig $iname | grep "inet " | awk '{print $2}')
9
10 echo "Physical address of $iname: $mac_add"
11 echo "IP address of $iname: $IP_add"
12
13
```

```
rahimi 99521289@99521289: ~/Desktop/cloner/Final Q ≡ – □ ×
 ſŦ
rahimi 99521289@99521289:~/Desktop/cloner/Final$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
       inet 192.168.88.128 netmask 255.255.255.0 broadcast 192.168.88.255
       inet6 fe80::33b2:181f:54b7:abdb prefixlen 64 scopeid 0x20<link>
       ether 00:0c:29:1f:85:b3 txqueuelen 1000 (Ethernet)
       RX packets 49937 bytes 54113518 (54.1 MB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 24060 bytes 5068200 (5.0 MB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,L00PBACK,RUNNING> mtu 65536
       inet 127.0.0.1 netmask 255.0.0.0
       inet6 ::1 prefixlen 128 scopeid 0x10<host>
       loop txqueuelen 1000 (Local Loopback)
       RX packets 3328 bytes 325740 (325.7 KB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 3328 bytes 325740 (325.7 KB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
rahimi 99521289@99521289:~/Desktop/cloner/Final$ bash Q5.sh
Enter interface Name: ens33
Physical address of ens33: 00:0c:29:1f:85:b3
IP address of ens33: 192.168.88.128
rahimi 99521289@99521289:~/Desktop/cloner/Final$
```

```
rahimi_99521289@99521289: ~/Desktop/cloner/Final
rahimi_99521289@99521289:~/Desktop/cloner/Final$
rahimi_99521289@99521289:~/Desktop/cloner/Final$ bash Q6.sh
Enter n: 10
rahimi_99521289@99521289:~/Desktop/cloner/Final$
```

avahi

bash.bashrc

binfmt.d

bash completion

bash completion.d







adduser.conf alsa consfile alternatives anacrontab apg.conf crontab apport appstream.conf at.deny

debconf.conf debian version bindresvport.blacklist deluser.conf

bluetooth brlapi.key brltty brltty.conf e2scrub.conf

environment ca-certificates.conf

rahimi 99521289@99521289:~\$ ls /etc/ | grep ".txt"

rahimi 99521289@99521289:~\$

ca-certificates.conf.dpkg-old environment.d host.conf hostid ethertypes fprintd.conf hosts.allow fstab hosts.deny gai.conf group group-

ld.so.conf

gshadow

gshadow-

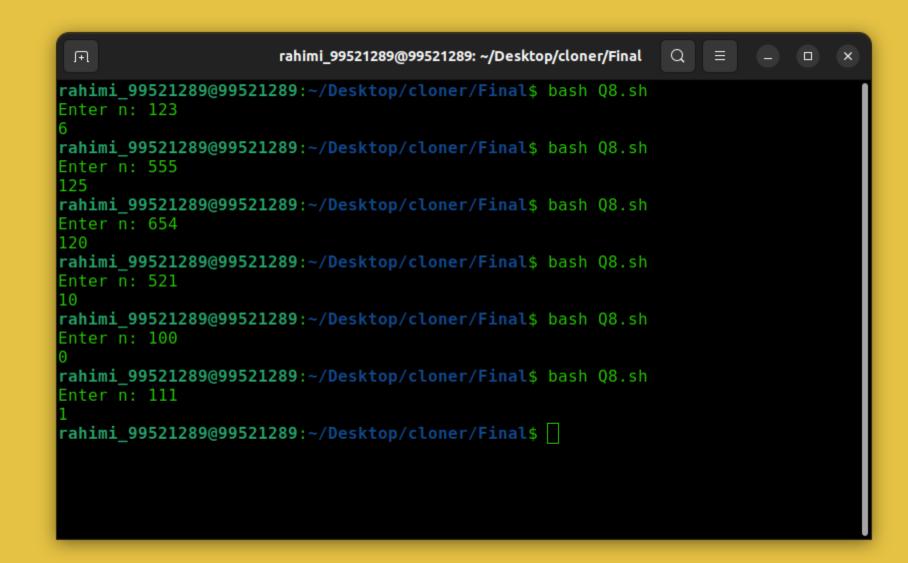
hdparm.conf

libaudit.conf locale.alias localtime login.defs insserv.conf.d logrotate.conf lsb-release machine-id kernel-img.conf mailcap.order kerneloops.conf manpath.config mke2fs.conf modules

mtab nanorc netconfig networks nftables.conf os-release papersize passwdpnm2ppa.conf

sensors3.conf printcap services profile shadow protocols subgid subgidsubuid sudo.conf resolv.conf sudoers rmt rsyslog.conf rygel.conf

UPower usb modeswitch.conf vdpau wrapper.cfg vtrgb wgetrc sudo logsrvd.conf wpa_supplicant



```
1 S#!bin/bash
 4 read -p "Enter n: " n
 5 res=''
 6 ans=''
7 for ((i=1; i <= n; i++))
8 do
9
10
    res=$res'. '
11 echo $res
12
    ans=$ans'|_'
13
      echo $ans
14 done
15
16
```

