Assignment 1

CPU Information

command used

1. output=

cat /proc/cpuinfo

```
kapil@kapil-virtual-machine:~$ cat /proc/cpuinfo
processor : 0
vendor_id : AuthenticAMD Machine details
cpu family : 25
: 80
model
siblings
             : 1
core id
             : 0
cpu cores
             : 1
apicid
             : 0
initial apicid : 0
fpu
             : yes
fpu_exception : yes
cpuid level : 16
WD
             : ves
flags
              : fpu vme de pse tsc msr pae mce cx8 apic sep m
pdpe1gb rdtscp lm constant_tsc rep_good nopl tsc_reliable nons
```

2. output=

```
lsb_release -a
```

```
kapil@kapil-virtual-machine: ~
File Edit View Search Terminal Help
kapil@kapil-virtual-machine:~$ lsb_release
No LSB modules are available.
kapil@kapil-virtual-machine:~$ lsb release-a
lsb_release-a: command not found
kapil@kapil-virtual-machine: $ lsb_release -a
                                                   EXPLAINATION OF OS USING
No LSB modules are available
Distributor ID: Ubuntu
Description: Ubuntu 18.04.6 LTS
Release:
               18.04
Codename:
               bionic
kapil@kapil-virtual-machine:~$
```

3. output=

```
uname -ra
```

```
kapil@kapil-virtual-machine: ~
                                                                           File Edit View Search Terminal Help
kapil@kapil-virtual-machine:~$ lsb release
No LSB modules are available.
kapil@kapil-virtual-machine:~$ lsb_release-a
lsb_release-a: command not found
kapil@kapil-virtual-machine:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:
               Ubuntu 18.04.6 LTS linux host name and os details
Release:
                18.04
Codename:
               bionic
kapil@kapil-virtual-machine:~$ uname -r
5.4.0-90-generic
kapil@kapil-virtual-machine:~$ uname -ra
Linux kapil-virtual-machine 5.4.0-90-generic #101~18.04.1-Ubuntu SMP Fri Oct 22
09:25:04 UTC 2021 x86_64 x86_64_x86_64 GNU/Linux
kapil@kapil-virtual-machine:~$
```

4.ouput=

```
cat /proc/meminfo
```

5. output=

```
cat /proc/iomem
```

```
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```

6. output=

```
kapil@kapil-virtual-machine:~

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kapil@kapil-virtual-machine:~$ cat /proc/io peripheral info cat: /proc/io: No such file or directory kapil@kapil-virtual-machine:~$
```

7. output=

sudo cat /proc/iomem

8. output=

sudo cat /proc/ioports