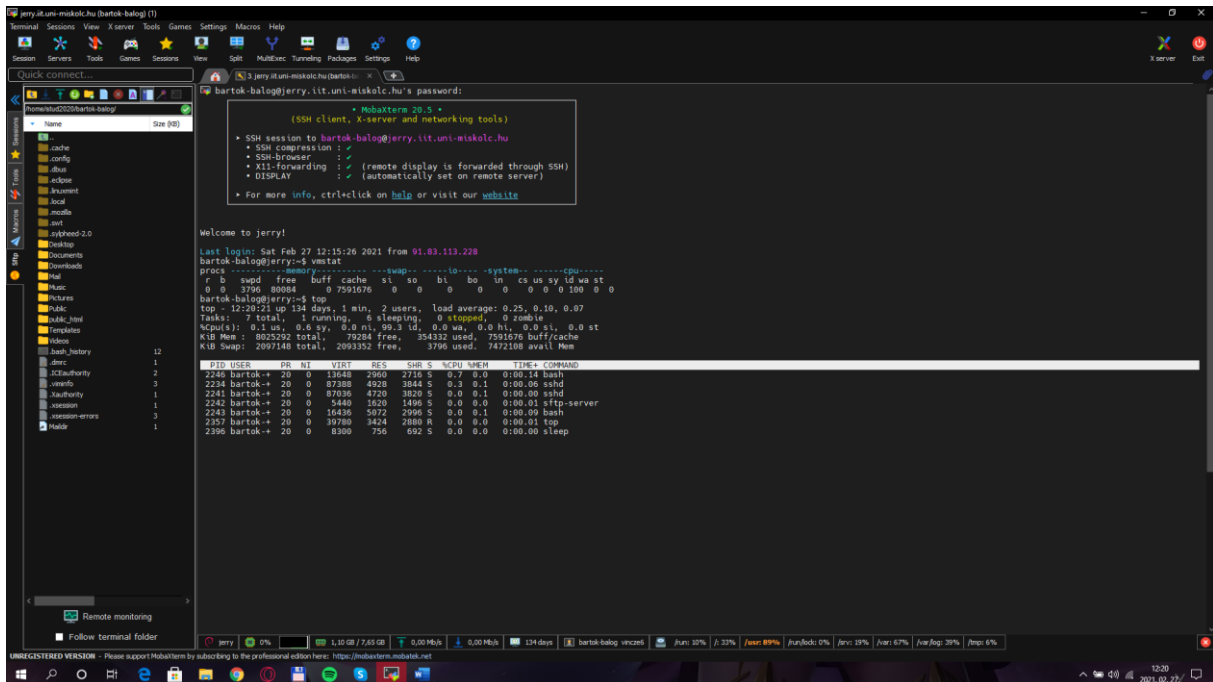


Linux parancsok

Top, vmstat, w:

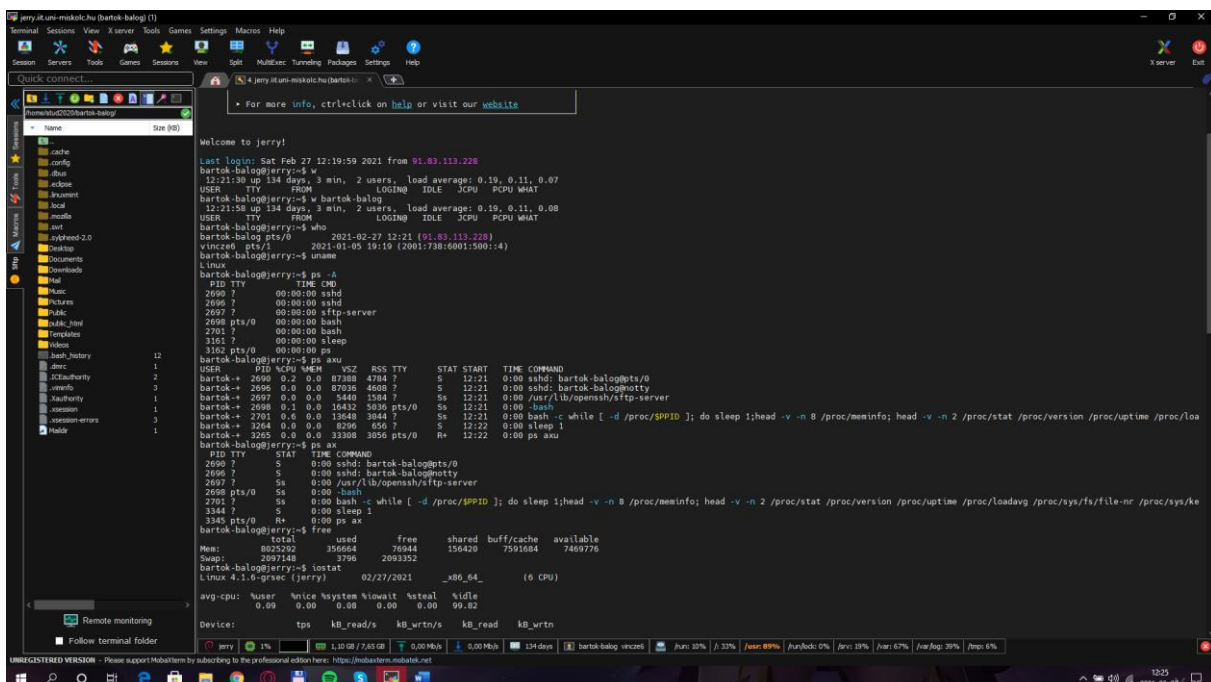


The screenshot shows a MobaXterm terminal window with a file explorer on the left. The terminal output includes a welcome message, login details, and system statistics. The 'top' command output is as follows:

```
top - 12:20:23 up 134 days, 1 min, 2 users, load average: 0.25, 0.10, 0.07
Tasks: 7 total, 1 running, 6 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.1 us, 0.6 sy, 0.0 ni, 99.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 8052392 total, 79248 free, 354332 used, 7591076 buff/cache
KiB Swap: 2097148 total, 2093352 free, 3796 used, 7472108 avail Mem
```

PID	USER	PR	NI	VT	RES	SHR	S	%CPU	MEM	TIME	COMMAND
2240	bartok	20	0	0	1344	2000	S	0.7	0.0	0:00.14	bash
2234	bartok	20	0	0	87388	4920	S	0.3	0.1	0:00.06	sshd
2241	bartok	20	0	0	87036	4720	S	0.0	0.1	0:00.00	sshd
2242	bartok	20	0	0	5440	1020	S	0.0	0.0	0:00.01	sftp-server
2243	bartok	20	0	0	16436	5872	S	0.0	0.1	0:00.09	bash
2257	bartok	20	0	0	10760	3424	S	0.0	0.0	0:00.01	top
2396	bartok	20	0	0	8300	756	S	0.0	0.0	0:00.00	sleep

Uname, ps parancsok, free, iostat:



The screenshot shows a MobaXterm terminal window with a file explorer on the left. The terminal output includes a welcome message, login details, and system statistics. The 'ps' command output is as follows:

```
Linux
PID TTY STAT TIME CMD
2690 ? S 0:00 sshd: bartok-balog@pts/0
2696 ? S 0:00 sshd: bartok-balog@pts/0
2697 ? Ss 0:00 /usr/lib/openssh/sftp-server
2698 pts/0 Ss 0:00 -bash
2701 ? Ss 0:00 bash -c while [ -d /proc/$PID ]; do sleep 1; head -v -n 8 /proc/meminfo; head -v -n 2 /proc/stat /proc/version /proc/uptime /proc/loa
3344 ? Ss 0:00 sleep 1
3345 pts/0 R 0:00 ps ax
```

```
Linux 4.14.0-glibc (jerry) 02/27/2021 _x86_64_
avg-cpu:  user  nice  system  iowait  steal  %idle   (6 CPU)
          0.09   0.00   0.08   0.00   0.00  99.82
```

Device	tps	kB_read/s	kB_wrtn/s	kB_read	kB_wrtn
Device	tps	kB_read/s	kB_wrtn/s	kB_read	kB_wrtn

[illegible]

The screenshot shows a Linux terminal window with the following content:

```
jerry@kali:~$ cat /etc/passwd | grep bash | xargs -I {} sh -c 'ps aux --sort=-%mem | grep {}'
08:35:01 AM all 0.06 0.00 0.06 0.00 0.16 99.72
08:45:01 AM all 0.07 0.00 0.06 0.00 0.14 99.73
09:05:01 AM all 0.08 0.00 0.06 0.00 0.16 99.71
09:05:01 AM all 0.07 0.00 0.06 0.00 0.14 99.73
09:05:01 AM CPU user nice vsysmem %stall %total %idle
09:15:01 AM all 0.06 0.00 0.07 0.00 0.15 99.78
09:25:01 AM all 0.07 0.00 0.06 0.00 0.17 99.69
09:35:01 AM all 0.06 0.00 0.06 0.00 0.16 99.72
09:45:01 AM all 0.07 0.00 0.06 0.00 0.14 99.73
09:55:01 AM all 0.09 0.00 0.07 0.00 0.14 99.70
10:05:01 AM all 0.08 0.00 0.07 0.00 0.14 99.71
10:15:01 AM all 0.05 0.00 0.04 0.00 0.14 99.77
10:25:01 AM all 0.05 0.00 0.04 0.00 0.18 99.73
10:35:01 AM all 0.04 0.00 0.03 0.00 0.21 99.72
10:45:01 AM all 0.04 0.00 0.04 0.00 0.16 99.75
10:55:01 AM all 0.03 0.00 0.03 0.00 0.15 99.78
11:05:01 AM all 0.04 0.00 0.04 0.00 0.17 99.75
11:15:01 AM all 0.03 0.00 0.03 0.00 0.17 99.77
11:25:01 AM all 0.05 0.00 0.04 0.00 0.17 99.75
11:35:01 AM all 0.04 0.00 0.04 0.00 0.15 99.77
11:45:01 AM all 0.03 0.00 0.03 0.00 0.17 99.77
11:55:01 AM all 0.02 0.00 0.03 0.00 0.15 99.80
12:05:01 PM all 0.04 0.00 0.03 0.00 0.17 99.76
12:15:01 PM all 0.03 0.00 0.04 0.00 0.16 99.76
12:25:02 PM all 0.12 0.00 0.35 0.00 0.15 99.29
Average all 0.10 0.00 0.30 0.00 0.35 99.67
bartok-balag@jerry-$ mpstat 02/27/2021 _x86_64_ (6 CPU)
Linux 4.14.0-rc3 (jerry)
12:26:31 PM CPU user nice sys iowait irq hwpf %total %agent %nice %idle
12:26:31 PM all 0.06 0.00 0.66 0.00 0.00 0.00 0.00 0.00 99.82
bartok-balag@jerry-$ pmmap
Usage: pmmap [options] PID [PID ...]
Options:
-X, --extended show details
-X WARNING: format changes according to /proc/PID/maps
--read-rc read the default rc
--read-rc-from=FILE read the rc from FILE
--create-rc create new default rc
--create-rc-to=FILE creates new rc to FILE
NOTE: pid arguments are not allowed with -n, -N
-d, --device show the device format
-q, --quiet do not display header and footer
-p, --show-path show path in the mapping
-A, --range=[low[,high)] limit results to the given range
-h, --help display this help and exit
-V, --version output version information and exit
For more details see pmmap(1).
bartok-balag@jerry-$
```

The bottom status bar shows system metrics: Jerry 0%, 10.02 GB / 74.5 GB, 0.00 MB/s, 0.00 MB/s, 134 days, bartok-balag vncses, jpu: 31%, d: 23%, mem: 89%, swap: 0%, jrv: 13%, fan: 67%, gpu: 28%, temp: 67%.