

1)Задание 1

```
connection closed by 217.71.138.1 port 44556
C:\Windows\system32>ssh eltex-pg1-v5@217.71.138.1 -p 44556
eltex-pg1-v5@217.71.138.1's password:
Linux eltex-2025-summer 6.1.0-40-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.153-1 (2025-09-20) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Oct 9 17:42:12 2025 from 217.71.131.234
eltex-pg1-v5@eltex-2025-summer:~$
```

Команда W

```
eltex-pg1-v5@eltex-2025-summer:~$ w
 17:58:36 up  2:20, 36 users,  load average: 0.05, 0.05, 0.02
USER      TTY      FROM            LOGIN@   IDLE   JCPU   PCPU WHAT
tech      pts/0    37.193.179.176  15:39    1:17m  0.02s  0.02s sshd: tech [priv]
eltex-pg  pts/2    217.71.131.234  17:26    1:40   0.02s  0.02s -bash
eltex-pg  pts/3    178.130.143.197 17:28    30:27  0.00s  ?      -bash
eltex-pg  pts/4    89.113.140.71   17:57    20:00s 0.01s  0.01s -bash
eltex-pg  pts/5    176.59.145.254  17:30    28:10  0.00s  ?      -bash
eltex-pg  pts/8    178.178.206.36  17:46    1:31   0.01s  ?      screen -S top
eltex-pg  pts/9    217.71.131.234  17:43    37:00s 0.00s  ?      screen
eltex-pg  pts/10   217.71.139.234  17:34    8:28   0.00s  ?      screen
eltex-pg  pts/11   217.71.131.234  17:34    3:00s  0.01s  ?      screen -r top
eltex-pg  pts/13   217.71.131.234  17:53    2:27   0.00s  ?      screen
eltex-pg  pts/15   :pts/25:S.1     17:48    4:00s  0.20s  0.20s top
eltex-pg  pts/17   91.79.222.224   17:38    20:28  0.00s  ?      -bash
eltex-pg  pts/18   178.178.206.36  17:38    20:31  0.00s  ?      -bash
eltex-pg  pts/19   89.113.141.142  17:38    4:52   0.01s  ?      screen
eltex-pg  pts/20   176.59.146.129  17:38    20:21  0.00s  ?      -bash
eltex-pg  pts/21   217.71.139.234  17:38    10:13  0.01s  0.01s -bash
eltex-pg  pts/22   :pts/42:S.0     17:58    34:00s 0.00s  ?      SCREEN -S first -d -m
eltex-pg  pts/23   217.71.131.237  17:39    26:00s 0.00s  ?      -bash
eltex-pg  pts/24   :pts/10:S.0     17:49    8:25   0.00s  ?      SCREEN
eltex-pg  pts/25   217.71.131.234  17:39    4:00s  0.01s  ?      screen
eltex-pg  pts/28   176.59.145.254  17:43    45:00s 0.00s  ?      screen
eltex-pg  pts/29   :pts/25:S.0     17:43    6:13   0.00s  0.09s SCREEN
eltex-pg  pts/31   :pts/28:S.0     17:44    45:00s 0.01s  0.03s SCREEN
eltex-pg  pts/32   :pts/19:S.0     17:48    4:52   0.00s  ?      SCREEN
eltex-pg  pts/33   217.71.131.237  17:45    5:00s  0.01s  ?      screen
eltex-pg  pts/38   176.59.146.129  17:50    20:00s 0.01s  ?      screen -r session1
eltex-pg  pts/40   217.71.131.237  17:52    1:17   0.00s  ?      screen
eltex-pg  pts/42   :pts/9:S.0      17:51    37:00s 0.01s  ?      screen -r first
eltex-pg  pts/43   :pts/38:S.0     17:53    24:00s 0.00s  0.19s SCREEN -S session1
eltex-pg  pts/44   :pts/33:S.0     17:52    5:00s  0.10s  0.10s w
eltex-pg  pts/47   :pts/13:S.0     17:53    2:27   0.00s  ?      SCREEN
eltex-pg  pts/48   :pts/8:S.0      17:55    1:31   0.09s  0.09s top
eltex-pg  pts/46   217.71.139.234  17:55    1:01   0.01s  0.01s -bash
eltex-pg  pts/49   :pts/40:S.0     17:56    1:17   0.00s  ?      SCREEN
eltex-pg  pts/51   :pts/11:S.0     17:56    3:00s  0.00s  ?      SCREEN -S top -d -m
eltex-pg  pts/53   :pts/40:S.1     17:57    1:17   0.00s  ?      /usr/bin/bash
eltex-pg1-v5@eltex-2025-summer:~$
```

Screen -ls

```
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
There are screens on:
  3377.top                (10/09/2025 05:56:31 PM)      (Attached)
  3087.pts-33.eltex-2025-summer (10/09/2025 05:52:12 PM)      (Attached)
2 Sockets in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$
```

Назвали сессию top

eltex-pg1-v5@eltex-2025-summer: ~

```
top - 18:01:51 up 2:24, 59 users, load average: 0.08, 0.04, 0.01
Tasks: 312 total, 1 running, 307 sleeping, 4 stopped, 0 zombie
%Cpu(s): 0.1 us, 0.2 sy, 0.0 ni, 98.2 id, 1.4 wa, 0.0 hi, 0.1 si, 0.0 st
MiB Mem : 3914.7 total, 3324.0 free, 607.0 used, 197.5 buff/cache
MiB Swap: 976.0 total, 976.0 free, 0.0 used, 3307.7 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
214	root	20	0	0	0	0	S	0.3	0.0	0:00.03	jbd2/dm-0-8
896	root	20	0	0	0	0	I	0.3	0.0	0:00.14	kworker/u8:4-events_unbound
3301	eltex-p+	20	0	11632	5420	3268	S	0.3	0.1	0:00.58	top
3509	eltex-p+	20	0	11660	5340	3184	S	0.3	0.1	0:00.14	top
1	root	20	0	168244	12852	9184	S	0.0	0.3	0:00.68	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
5	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	slub_flushwq
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
10	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
11	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_kthread
12	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_rude_kthread
13	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_trace_kthread
14	root	20	0	0	0	0	S	0.0	0.0	0:00.02	ksoftirqd/0
15	root	20	0	0	0	0	I	0.0	0.0	0:00.10	rcu_preempt
16	root	rt	0	0	0	0	S	0.0	0.0	0:00.02	migration/0
18	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
19	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/1
20	root	rt	0	0	0	0	S	0.0	0.0	0:00.23	migration/1
21	root	20	0	0	0	0	S	0.0	0.0	0:00.01	ksoftirqd/1
23	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/1:0H-events_highpri
24	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/2
25	root	rt	0	0	0	0	S	0.0	0.0	0:00.23	migration/2
26	root	20	0	0	0	0	S	0.0	0.0	0:00.01	ksoftirqd/2
28	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/2:0H-events_highpri
29	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/3
30	root	rt	0	0	0	0	S	0.0	0.0	0:00.23	migration/3
31	root	20	0	0	0	0	S	0.0	0.0	0:00.02	ksoftirqd/3
33	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/3:0H-events_highpri
38	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
39	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	inet_frag_wq
40	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
41	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
42	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
43	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
44	root	20	0	0	0	0	S	0.0	0.0	0:00.12	kcompactd0
45	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
47	root	39	19	0	0	0	S	0.0	0.0	0:00.07	khugepaged
48	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
49	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
50	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	blkcg_punt_bio
51	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	tpm_dev_wq
52	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	edac-poller
53	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	devfreq_wq
54	root	0	-20	0	0	0	I	0.0	0.0	0:00.01	kworker/1:1H-kblockd
55	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kswapd0
61	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kthrotld
63	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	acpi_thermal_pm
66	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mld
67	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	ipv6_addrconf
72	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kstrp
77	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	zswap-shrink
78	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/u9:0
123	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/3:1H-kblockd
133	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:1H-kblockd

eltex-pg1-v5@eltex-2025-summer:~\$ screen -ls

There is a screen on:

3087.pts-33.eltex-2025-summer (10/09/2025 05:52:11 PM)

(Attached)

1 Socket in /run/screen/S-eltex-pg1-v5.

eltex-pg1-v5@eltex-2025-summer:~\$

```
eltex-pg1-v5@eltex-2025-summer: ~
Every 2.0s: /usr/bin/vmstat                               eltex-2025-summer: Thu Oct 9 18:09:33 2025

procs -----memory----- --swap-- ----io---- -system-- -----cpu-----
 r b swpd free buff cache si so bi bo in cs us sy id wa st
 1 0 0 3348148 21368 186820 0 0 3 4 18 25 0 0 100 0 0

eltex-pg1-v5@eltex-2025-summer: ~
$ bash
```

0 Отчет – команды и результаты в файле pdf.

1

Подключитесь к серверу для выполнения практических работ, используя клиент для протокола ssh: ssh, putty, smartty (попробуйте их все и остановитесь на наиболее удобном для вас).

2

Запустите новую сессию утилиты screen, с именем по умолчанию, посмотрите список подключенных пользователей командой w, отключитесь от сессии.

```
eltex-pg1-v5@eltex-2025-summer: ~$ w
18:35:29 up 2:57, 30 users, load average: 0.00, 0.05, 0.02
USER      TTY      FROM            LOGIN@      IDLE   JCPU   PCPU WHAT
tech      pts/0    37.193.179.176  15:39      1:54m  0.02s  0.02s sshd: tech [priv]
eltex-pg  pts/2    217.71.131.237  18:30      31.00s 0.00s  ?    -bash
eltex-pg  pts/3    178.130.143.197 17:28      1:07m  0.00s  ?    -bash
eltex-pg  pts/4    217.71.131.234  18:29      4.00s  0.01s  0.01s -bash
eltex-pg  pts/5    176.59.145.254  17:30      1:05m  0.00s  ?    -bash
eltex-pg  pts/6    185.210.141.98  18:34      1.00s  0.00s  ?    screen -r vi
eltex-pg  pts/8    217.71.131.234  18:28      2:49   0.01s  0.01s -bash
eltex-pg  pts/9    217.71.131.234  17:43      24:46  0.01s  ?    screen -r top
eltex-pg  pts/10   176.59.145.254  18:34      4.00s  0.01s  0.01s -bash
eltex-pg  pts/11   :pts/86:S.0     18:20      10:01  0.00s  ?    SCREEN -S Top -d -m
eltex-pg  pts/17   91.79.222.224   17:38      57:20  0.00s  ?    -bash
eltex-pg  pts/18   178.178.206.36  17:38      57:23  0.00s  ?    -bash
eltex-pg  pts/19   :pts/6:S.0     18:34      1.00s  0.02s  0.02s vi report_part1.txt
eltex-pg  pts/20   176.59.146.129  17:38      57:13  0.00s  ?    -bash
eltex-pg  pts/22   :pts/42:S.0    17:59      34:09  0.21s  0.03s SCREEN -S top -d -m
eltex-pg  pts/23   :pts/9:S.0     18:04      24:46  0.00s  0.02s SCREEN -S top -d -m
eltex-pg  pts/28   176.59.145.254  17:43      8:17   0.01s  ?    screen -dr top
eltex-pg  pts/33   217.71.131.237  17:45      1.00s  0.18s  0.07s w
eltex-pg  pts/40   217.71.131.237  17:52      1:57   0.00s  ?    -bash
eltex-pg  pts/41   :pts/28:S.0    18:22      21:21  1.66s  1.66s top
eltex-pg  pts/43   :pts/46:S.1    18:33      9.00s  0.00s  ?    /usr/bin/bash
eltex-pg  pts/46   217.71.139.234  17:55      9.00s  0.01s  ?    screen -r
eltex-pg  pts/79   89.113.140.71   18:12      9.00s  0.01s  ?    screen -r whoami_part2
eltex-pg  pts/80   :pts/28:S.1    18:24      8:17   0.00s  ?    /usr/bin/bash
eltex-pg  pts/83   178.178.206.36  18:29      17.00s 0.03s  0.03s -bash
eltex-pg  pts/86   :pts/90:S.0    18:11      10:01  0.00s  ?    screen -r Top
eltex-pg  pts/88   :pts/9:S.1     18:05      29:37  0.71s  0.71s watch /usr/bin/vmstat
eltex-pg  pts/90   :pts/74:S.0    18:05      10:01  0.00s  ?    screen -S top
eltex-pg  pts/105  :pts/79:S.0    18:28      9.00s  0.02s  0.01s SCREEN -S whoami_part2
eltex-pg  pts/112  176.59.146.129  18:18      4:33   0.01s  0.01s -bash
eltex-pg1-v5@eltex-2025-summer:~$
eltex-pg pts/112 176.59.146.129 18:18
eltex-pg1-v5@eltex-2025-summer:~$
logout
There are stopped jobs.
eltex-pg1-v5@eltex-2025-summer:~$ s
```

3

Запустите отсоединенную сессию утилиты screen, при этом запустите в этой сессии команду top. Назовите сессию именем «top».

```
eltex-pg1-v5@eltex-2025-summer:~$
```

```
eltex-pg1-v5@eltex-2025-summer: ~
top - 18:37:37 up 2:50, 37 users, load average: 0.14, 0.07, 0.02
Tasks: 351 total, 1 running, 341 sleeping, 9 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni,100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 3914.7 total, 3245.7 free, 675.1 used, 208.2 buff/cache
MiB Swap: 976.0 total, 976.0 free, 0.0 used, 3239.6 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM    TIME+    COMMAND
 25548 eltex-p+  20   0   18008    7008   5140 S   6.2   0.2   0:00.03  sshd
    1 root      20   0  168372   12860  9184 S   0.0   0.3   0:00.83  systemd
    2 root      20   0         0         0     0 S   0.0   0.0   0:00.00  kthreadd
    3 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  rcu_gp
    4 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  rcu_par_gp
    5 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  slub_flushwq
    6 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  netns
   10 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  mm_percpu_wq
   11 root      20   0         0         0     0 I   0.0   0.0   0:00.00  rcu_tasks_kthread
   12 root      20   0         0         0     0 I   0.0   0.0   0:00.00  rcu_tasks_rude_kthread
   13 root      20   0         0         0     0 I   0.0   0.0   0:00.00  rcu_tasks_trace_kthread
   14 root      20   0         0         0     0 S   0.0   0.0   0:00.05  ksoftirqd/0
   15 root      20   0         0         0     0 I   0.0   0.0   0:00.51  rcu_preempt
   16 root      rt    0         0         0     0 S   0.0   0.0   0:00.02  migration/0
   18 root      20   0         0         0     0 S   0.0   0.0   0:00.00  cpuhp/0
   19 root      20   0         0         0     0 S   0.0   0.0   0:00.00  cpuhp/1
   20 root      rt    0         0         0     0 S   0.0   0.0   0:00.24  migration/1
   21 root      20   0         0         0     0 S   0.0   0.0   0:00.04  ksoftirqd/1
   23 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kworker/1:0H-events_highpri
   24 root      20   0         0         0     0 S   0.0   0.0   0:00.00  cpuhp/2
   25 root      rt    0         0         0     0 S   0.0   0.0   0:00.24  migration/2
   26 root      20   0         0         0     0 S   0.0   0.0   0:00.03  ksoftirqd/2
   28 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kworker/2:0H-events_highpri
   29 root      20   0         0         0     0 S   0.0   0.0   0:00.00  cpuhp/3
   30 root      rt    0         0         0     0 S   0.0   0.0   0:00.24  migration/3
   31 root      20   0         0         0     0 S   0.0   0.0   0:00.03  ksoftirqd/3
   33 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kworker/3:0H-events_highpri
   38 root      20   0         0         0     0 S   0.0   0.0   0:00.00  kdevtmpfs
   39 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  inet_frag_wq
   40 root      20   0         0         0     0 S   0.0   0.0   0:00.00  kauditd
   41 root      20   0         0         0     0 S   0.0   0.0   0:00.00  khungtaskd
   42 root      20   0         0         0     0 S   0.0   0.0   0:00.00  oom_reaper
   43 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  writeback
   44 root      20   0         0         0     0 S   0.0   0.0   0:00.15  kcompactd0
   45 root      25   5         0         0     0 S   0.0   0.0   0:00.00  ksmd
   47 root      39  19         0         0     0 S   0.0   0.0   0:00.11  khugepaged
   48 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kintegrityd
   49 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kblockd
   50 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  blkcg_punt_bio
   51 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  tpm_dev_wq
   52 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  edac-poller
   53 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  devfreq_wq
   54 root      0 -20    0         0     0 I   0.0   0.0   0:00.01  kworker/1:1H-kblockd
   55 root      20   0         0         0     0 S   0.0   0.0   0:00.00  kswapd0
   61 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kthrotld
   63 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  acpi_thermal_pm
   66 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  mld
   67 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  ipv6_addrconf
   72 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kstrp
   77 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  zswap-shrink
   78 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kworker/u9:0
  123 root      0 -20    0         0     0 I   0.0   0.0   0:00.01  kworker/3:1H-kblockd
  133 root      0 -20    0         0     0 I   0.0   0.0   0:00.01  kworker/0:1H-kblockd
  134 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  kworker/2:1H-kblockd
  144 root      0 -20    0         0     0 I   0.0   0.0   0:00.00  ata_sff
  155 root      20   0         0         0     0 S   0.0   0.0   0:00.00  scsi_eh_0
```

4

Получите список сессий, созданных утилитой screen.

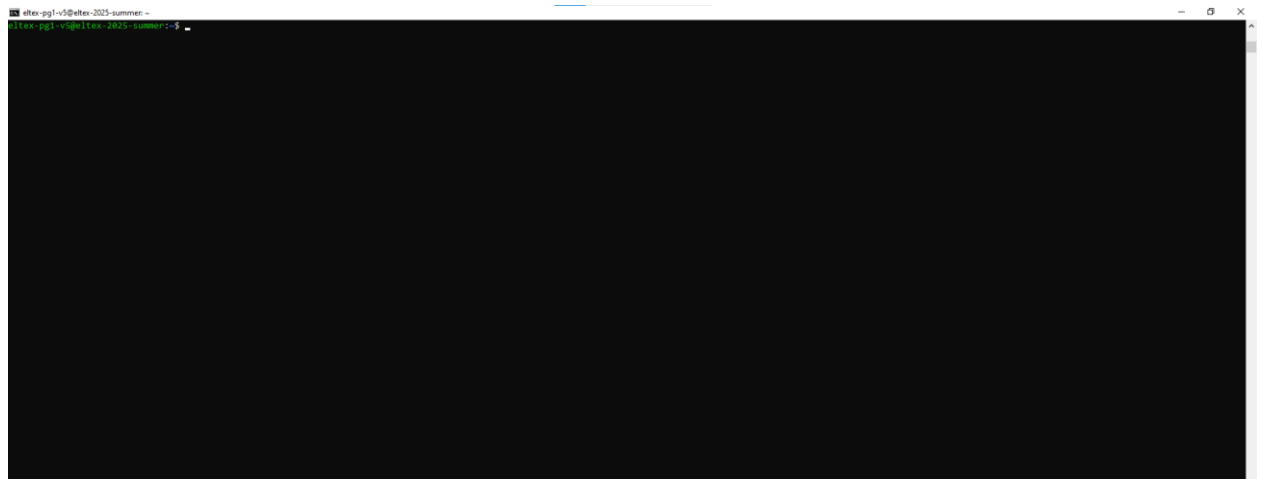
```
[detached from 28542.top]
eltex-pg1-v5@eltex-2025-summer:~$ [detached from 28542.top]
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
There are screens on:
      28542.top      (10/09/2025 06:33:19 PM)      (Detached)
      3087.pts-33.eltex-2025-summer (10/09/2025 05:52:11 PM)      (Detached)
2 Sockets in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$ S
```

5

Подсоединитесь к сессии top.

6

Создайте еще одно окно в сессии top.



7

В созданном окне выполните команду:

8

watch /usr/bin/vmstat

```
eltex-pg1-v5@eltex-2025-summer: ~
Every 2.0s: /usr/bin/vmstat

procs -----memory----- ---swap-- -----io---- -system-- -----cpu-----
r  b  swpd  free  buff  cache  si  so  bi  bo  in  cs  us  sy  id  wa  st
1  0      0 3309484 25008 189008  0  0   2   4  35  42  0  0 99  0  0
```

9

Получите список окон.



10.Переименуйте второе окно как «vmstat».

```
eltex-pg1-v5@eltex-2025-summer: ~  
Every 2.0s: /usr/bin/vmstat
```

```
procs -----memory----- ---swap-- -----io----- -system-- -----cpu-----  
r  b  swpd  free  buff  cache  si   so    bi   bo    in   cs us sy id wa st  
1  0      0 3302876 25136 189032    0    0     2    4    36   42  0  0 99  0  0
```

```
Set window's title to: vmstat
```

11.Перейдите в окно, в котором работает top.

```
[detached from 28542.top]  
[detached from 28542.top]  
eltex-pg1-v5@eltex-2025-summer:~$
```

12.Отсоединитесь от сессии top.

13.Запустите новую сессию и запустите в окне команду:

```
eltex-pg1-v5@eltex-2025-summer:~$ screen -r virepo  
[detached from 40283.vireport]  
[detached from 40283.vireport]  
eltex-pg1-v5@eltex-2025-summer:~$ logout  
There are stopped jobs.  
eltex-pg1-v5@eltex-2025-summer:~$
```

vi report_part1.txt

14 Отсоединитесь от сессии и получите список сессий.

15)

```

eltex-pg1-v5@eltex-2025-summer:~$ logout
There are stopped jobs.
eltex-pg1-v5@eltex-2025-summer:~$ exit
logout
Connection to 217.71.138.1 closed.

C:\Windows\system32>ssh eltex-pg1-v5@217.71.138.1 -p 44556
eltex-pg1-v5@217.71.138.1's password:
Linux eltex-2025-summer 6.1.0-40-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.153-1 (2025-09-20) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Oct  9 17:45:11 2025 from 217.71.131.237
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
There are screens on:
  40283.vireport  (10/09/2025 06:49:30 PM)      (Detached)
  28542.top       (10/09/2025 06:33:19 PM)      (Detached)
  3087.pts-33.eltex-2025-summer (10/09/2025 05:52:11 PM)      (Detached)
3 Sockets in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$

```

16)

17)

[illegible]

18)

```
eltex-pg1-v5@eltex-2025-summer:~$ screen -r vireport
[detached from 40283.vireport]
[detached from 40283.vireport]
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 40283.vireport quit
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 28542.top quit
eltex-pg1-v5@eltex-2025-summer:~$ screen =ls
[screen is terminating]
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
There is a screen on:
      3087.pts-33.eltex-2025-summer  (10/09/2025 05:52:11 PM)      (Detached)
1 Socket in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 3087.pts-33.eltex-2025-summer quit
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
No Sockets found in /run/screen/S-eltex-pg1-v5.

eltex-pg1-v5@eltex-2025-summer:~$ █

3 Sockets in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$ screen -r vireport
[detached from 40283.vireport]
[detached from 40283.vireport]
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 40283.vireport quit
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 28542.top quit
eltex-pg1-v5@eltex-2025-summer:~$ screen =ls
[screen is terminating]
eltex-pg1-v5@eltex-2025-summer:~$ screen -ls
There is a screen on:
      3087.pts-33.eltex-2025-summer  (10/09/2025 05:52:11 PM)      (Detached)
1 Socket in /run/screen/S-eltex-pg1-v5.
eltex-pg1-v5@eltex-2025-summer:~$ screen -X -S 3087.pts-33.eltex-2025-summer quit
eltex-pg1-v5@eltex-2025-summer:~$ █
```