

Assignment 3 (Day-3)

env

```
hostname tz $ env
SHELL=/bin/bash
SESSION_MANAGER=local/ashu:/tmp/.ICE-unix/1923,unix/ashu:/tmp/.ICE-unix/1923
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LANGUAGE=en_US.UTF-8
GNOME_SHELL_SESSION_MODE=ubuntu
SSH_AUTH_SOCK=/run/user/1000/ssh-agent/ssh
MODIFIERS=@m:ibus
XDG_CURRENT_DESKTOP=ubuntu
SSH_AGENT_PID=1867
GTK_MODULES=gall:atk-bridge
XDG_SESSION_NAME=ashu
XDG_SESSION_TYPE=x11
XDG_AGENT_PATH=/run/user/1000/gnupg/S.gpg-agent:0:1
AUTHORITY=/run/user/1000/gdm/Xauthority
GJS_DEBUG_TOPICS=JS ERROR;JS LOG
XDG_RUNTIME_DIR=/run/user/1000
XDG_SESSION_ID=1658
XDG_CURRENT_DESKTOP=ubuntu:GNOME
VTE_VERSION=6003
GNOME_TERMINAL_SCREEN=/org/gnome/Terminal/screen/ab188b91_a899_402c_8518_440ec0e77613
INVOCATION_ID=93c47460ec1c4daa39e8836165bd618
MANAGERPID=1658
GJS_DEBUG_OUTPUT=stderr
LESSCLOSE=/usr/bin/lesspipe %s %s
XDG_SESSION_CLASS=user
TERM=xterm-256color
LESSOPEN=| /usr/bin/lesspipe %s
USER=ashu
GNOME_TERMINAL_SERVICE=:1.124
DISPLAY=:0
SHLVL=1
QT_IM_MODULE=ibus
XDG_RUNTIME_DIR=/run/user/1000
JOURNAL_STREAM=8:50498
XDG_DATA_DIRS=/usr/share/ubuntu:/usr/local/share:/usr/share:/var/lib/napd/desktop
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
GDMSESSION=ubuntu
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/bus
_=/usr/bin/env
OLDPWD=/home/ashu/Documents/CDAC
```

```
XDG_CURRENT_DESKTOP=UBUNTU:GNOME
VTE_VERSION=6003
GNOME_TERMINAL_SCREEN=/org/gnome/Terminal/screen/ab188b91_a899_402c_8518_440ec0e77613
INVOCATION_ID=93c47460ec1c4daa39e8836165bd618
MANAGERPID=1658
GJS_DEBUG_OUTPUT=stderr
LESSCLOSE=/usr/bin/lesspipe %s %s
XDG_SESSION_CLASS=user
TERM=xterm-256color
LESSOPEN=| /usr/bin/lesspipe %s
USER=ashu
GNOME_TERMINAL_SERVICE=:1.124
DISPLAY=:0
SHLVL=1
QT_IM_MODULE=ibus
XDG_RUNTIME_DIR=/run/user/1000
JOURNAL_STREAM=8:50498
XDG_DATA_DIRS=/usr/share/ubuntu:/usr/local/share:/usr/share:/var/lib/napd/desktop
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
GDMSESSION=ubuntu
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/bus
_=/usr/bin/env
OLDPWD=/home/ashu/Documents/CDAC
```

PATH

```
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ export PATH=$PATH:/home/ashu/Documents/CDAC/eos/airthmatic
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ ls
add.c add.o main.c main.o Makefile projbin sub.c sub.o
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ projbin
Add 30:
ashu@ashu:~/Documents/CDAC/eos/airthmatic$
```

echo \$PATH

```
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/home/ashu/Documents/CDAC/eos/airthmatic
ashu@ashu:~/Documents/CDAC/eos/airthmatic$
```

```
export DESDWORK
```

```
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ pwd
/home/ashu/Documents/CDAC/eos/airthmatic
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ export DESDWORK=/home/ashu/Documents/CDAC/eos/airthmatic
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ echo $DESDWORK
/home/ashu/Documents/CDAC/eos/airthmatic
ashu@ashu:~/Documents/CDAC/eos/airthmatic$
```

```
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ cd /
ashu@ashu:/$ cd $DESDWORK
ashu@ashu:~/Documents/CDAC/eos/airthmatic$
```

```
ls /proc
```

```
ashu@ashu:~/Documents/CDAC/eos/airthmatic$ ls /proc
1 111 139 1699 18 19108 1976 2039 20802 2213 2332 253 30 320 40 460 476 4 799 97 dna key-users pagetypeinfo thread-self
16 112 14 17 180 19109 1980 2042 2083 22335 23366 76 301 321 41 461 477 728 800 995 driver knsg partitions timer_list
100 113 1454 1705 1867 19110 1983 2046 2089 22899 23417 28 304 34 4106 462 478 729 810 acpi dynamic_debug kpagecgroup pressure tty
101 114 15 1709 189 19113 1993 2050 2126 23 23433 282 308 35 4109 463 4794 763 812 asound execdomains kpagecount sched_debug uptime
102 1147 4535 1713 1896 19137 1996 2051 213 23017 23076 283 31 357 4163 464 4795 764 813 bootconfig fb kpageflags schedstat version
103 115 16 1718 19 19138 2 2052 214 23018 23097 285 310 358 42 465 4816 766 817 buddyinfo filesystems loadavg scsi version_signature
104 117 1649 1722 190 19147 20 2053 2156 23046 23905 286 312 359 43 466 4849 767 882 bus locks mdstat slabinfo vmallocinfo
105 118 1658 1724 1901 1916 2080 2054 2169 23054 23921 288 314 36 431 472 4862 768 9 cgroups interrupts nistat slabinfo vmstat
108 12 1659 1733 19091 19194 2010 2059 21711 23065 23922 29 315 360 44 473 4874 770 916 cmdline ionen meminfo softirqs zoneinfo
109 124 1666 1761 19097 192 2019 2065 21735 23109 24 290 316 37 444 474 4892 771 92 consoles topports misc stat
11 128 1668 1763 19098 1923 2021 2067 2175 23266 24061 292 317 373 453 475 4919 791 93 cpuinfo irq modules swaps
1101 13 1671 1769 191 1937 2033 2088 22 23267 24129 294 318 38 457 4754 4992 792 934 crypto kallsyms nrmr sys sysrq-trigger
1106 131 1675 17759 19100 1971 2034 2075 2286 23273 24131 297 319 39 458 4756 4999 793 94 devices ntrr sysrq-trigger
1108 132 1680 1799 19102 1975 2037 2077 2212 2328 25 3 32 4 459 4757 5743 797 96 diskstats keys net sysvipc
ashu@ashu:~/Documents/CDAC/eos/airthmatic$
```