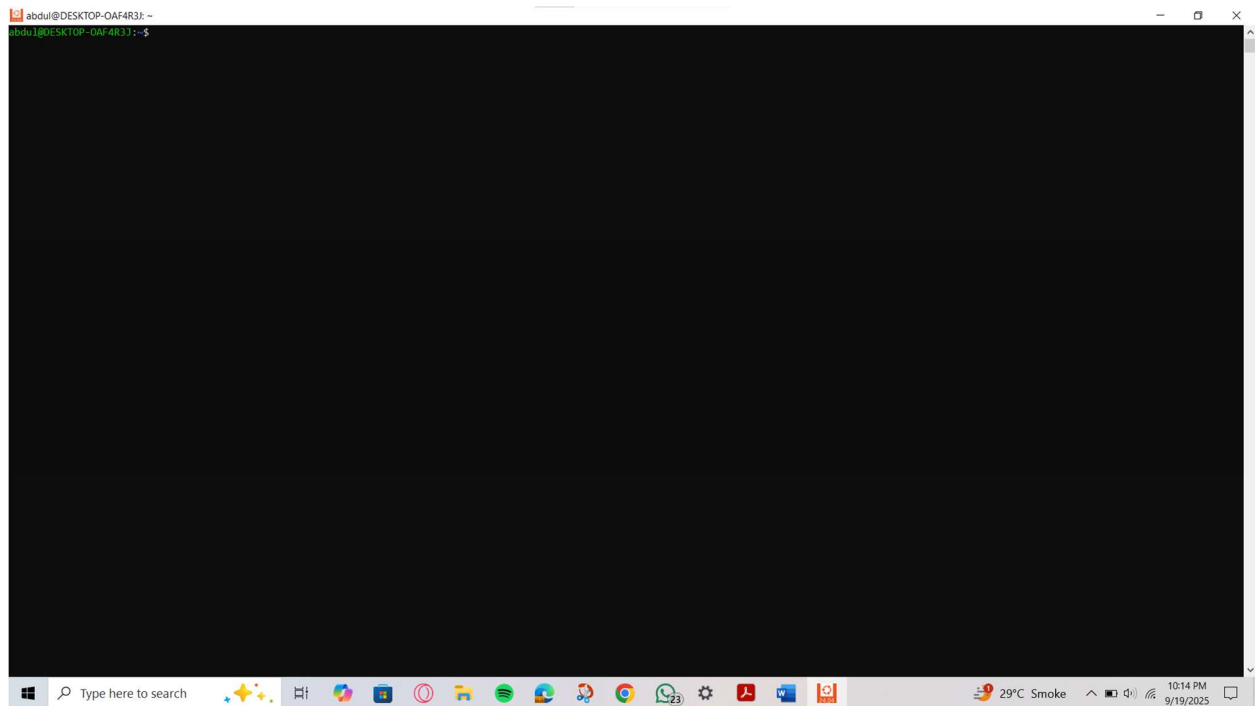
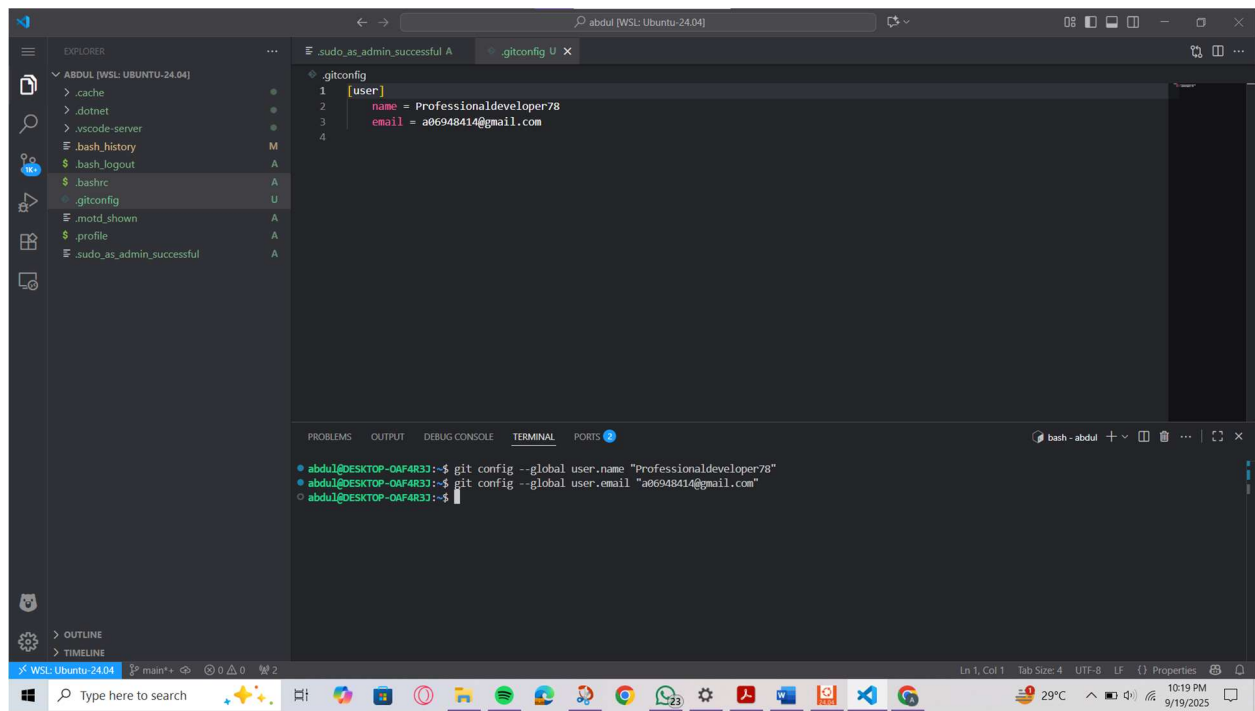


Task 1:

I have installed ubuntu WSL



It also connected and run on vscode



Task 2:

GCC Build Essential:

```
abdui@DESKTOP-OAF4R31: ~  
abdui@DESKTOP-OAF4R31:~$ gcc -v  
Using built-in specs.  
COLLECT_GCC=gcc  
COLLECT_LTO_WRAPPER=/usr/libexec/gcc/x86_64-linux-gnu/13/lto-wrapper  
OFFLOAD_TARGET_NAMES=nvptx-none:amdgc-ndhsa  
OFFLOAD_TARGET_DEFAULT=1  
Target: x86_64-linux-gnu  
Configured with: ../src/configure -v --with-pkgversion='Ubuntu 13.3.0-6ubuntu2-24.04' --with-bugurl=file:///usr/share/doc/gcc-13/README.Bugs --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++,m2 --prefix=/usr  
 --with-gcc-major-version-only --program-suffix=-13 --program-prefix=x86_64-linux-gnu- --enable-shared --enable-linker-build-id --libexecdir=/usr/libexec --without-included-gettext --enable-threads=posix --libd  
ir=/usr/lib --enable-nls --enable-bootstrap --enable-clocale=gnu --enable-libstdc++-debug --enable-libstdc++-time=yes --with-default-libstdc++-abi=new --enable-libstdc++-backtrace --enable-gnu-unique-object --dis  
able-vtable-verify --enable-plugin --enable-default-pie --with-system-zlib --enable-libphobos-checking=release --with-target-system-zlib=auto --enable-objc-gc=auto --enable-multiarch --disable-werror --enable-c  
et --with-arch=32=1686 --with-abi=m64 --with-multilib-list=m32,m64,mx32 --enable-multilib --with-tune=generic --enable-offload-targets=nvptx-none=/build/gcc-13-f675R1/gcc-13-13.3.0/debian/tmp-nvptx/usr,amdgc-ndhsa  
=/build/gcc-13-f675R1/gcc-13-13.3.0/debian/tmp-gcn/usr --enable-offload-defaulted --without-cuda-driver --enable-checking=release --build=x86_64-linux-gnu --host=x86_64-linux-gnu --target=x86_64-linux-gnu --  
with-build-config=bootstrap-lto-lean --enable-link-serialization=2  
Thread model: posix  
Supported LTO compression algorithms: zlib zstd  
gcc version 13.3.0 (Ubuntu 13.3.0-6ubuntu2-24.04)  
abdui@DESKTOP-OAF4R31:~$
```

Task 3:

Ls Commands :

```

abdu@DESKTOP-OAF4R3J:~$ pwd
/home/abdu1
abdu@DESKTOP-OAF4R3J:~$ ls /
bin bin usr-is-merged boot dev etc home init lib lib usr-is-merged lib64 lost+found media mnt opt proc root run sbin sbin usr-is-merged srv sys tmp usr var
abdu@DESKTOP-OAF4R3J:~$ ls /bin
X11          dbus-run-session      gold              man              rev              troff
ls           dbus-send             gp-archive        man-recode       rmegrep          true
lsb          dbus-update-activation-environment gp-collect-app    mandb            rm               truncate
lsbdev       dbus-uuidgen          gp-display-html   manifest         rmdir            tset
lsbdev       dd                   gp-display-src    manpath          rmno             tsort
lsbdev       dcallcvt             gp-display-text   manpcrc          routcl           tty
lsbdev       deb-systemd-helper   gp-passwd         markdown-it      rpgen            twist3
lsbdev       addapt               deb-systemd-invoke gp               nawk             rrsync           twist3d
lsbdev       addapt2line          debconf           gp-gp-agent      mcckookie        rsync            tzselect
lsbdev       apport-bug           debconf-opt-progress mds5m            rsync-ssl        ua
lsbdev       apport-ccli          debconf-communicate gp-wks-client    rstat            ubuntu-advantage
lsbdev       apport-collect       debconf-copypdb  gp-wks-testutil run-one           ubuntu-bug
lsbdev       apport-unpack        debconf-escape   gp-wks-testutil run-one-constantly ubuntu-distro-info
lsbdev       appstreamcli         debconf-set-selections gp-gpasm          mesa-overlay-control.py run-one-until-failure ubuntu-security-status
lsbdev       apropos             debconf-show      gp-gpsplit       msg              run-one-until-success ucf
lsbdev       apt                  debian-distro-info gp-gtar           migrate-pubring-from-classic-gpg run-parts          ucfq
lsbdev       apt-add-repository   delpart          gp-madmap         wk_madmap        run-this-one       ucfw
lsbdev       apt-cache            df               gp-epic           wkdiff           runcon             uclampset
lsbdev       apt-cdrom            dh_bash_completion gpof              mkfifo           rview             udevadm
lsbdev       apt-config           dh_installxhcatalogs gpofing           mkmod            rvim              ui
lsbdev       apt-extracttemplates diff              grep              mkcqsquashfs     scalog            umount
lsbdev       apt-ftpparchive      diff3            gresource         mkcp             scalar
lsbdev       apt-get              dir              groff             scp              scp               unattended-upgrade
lsbdev       apt-key              dircolors        grog              screen           screendump         unattended-upgrades
lsbdev       apt-mark             dirmgr           grops             mountpoint        script             uncompress
lsbdev       apt-sortpkgs         dirmgr-client    grotty            mtrace           scriptlive          unexpand
lsbdev       ar                   dirname          groups            mv               scriptreplay       unicode_start
lsbdev       arch                 distro-info       groupart          nanel            sdif              unicode_stop
lsbdev       as                   dmeg             gsettings         nano             sed               uniq
lsbdev       automat-visualize3   dnsdomainname    gtbl              nawk             select-editor      unlink
lsbdev       awk                  do-release-upgrade domainname         nc                sensible-browser   unlnma
lsbdev       b2sum               dpkg              dpkg-encode-symbolic-svg nc.openbsd        sensible-editor    unshare
lsbdev       base32              dpkg-launch       gtc-launch        ncp              sensible-editor    unsquashfs
lsbdev       base64              dpkg-architecture gtc-query          gtc-query-settings netcat            sensible-terminal  unxz
lsbdev       basenane             dpkg-buildi       gtc-update-icon-cache networkctl         update-alternatives update-mime-database
lsbdev       basenc              dpkg-buildflags  gunzip            network-dispatcher session-migration  uptime
lsbdev       bash                dpkg-buildpackage gp-gp             gzeke            setarch           setfont           users
lsbdev       bashbug             dpkg-buildtree   gp-gp             gzip             setfont           setkeycodes       utmpdump
lsbdev       broadwayd           dpkg-checkbuilddeps nc                 h2x             nisdomainname     uidgen
lsbdev       bunzip2             dpkg-deb         hardlink          h2xs             n1                setleds           uidep
lsbdev       busctl              dpkg-distaddfile dpkg-deb          hd               nlsdomainname     setlogcons        uideparse
lsbdev       byobu               dpkg-divert      dpkg-distaddfile hd               nm                setmetamode       varlinkctl
lsbdev       byobu-config        dpkg-genbuildinfo head              nohup            head              setpriv           vcs-run
lsbdev       byobu-genchanges    dpkg-genchanges  helixlogs        nohttp           nohttp            setuid            vdr
lsbdev       byobu-ctrl-1        dpkg-gencontrol  hextump          noff             noff              setterm           vi

```