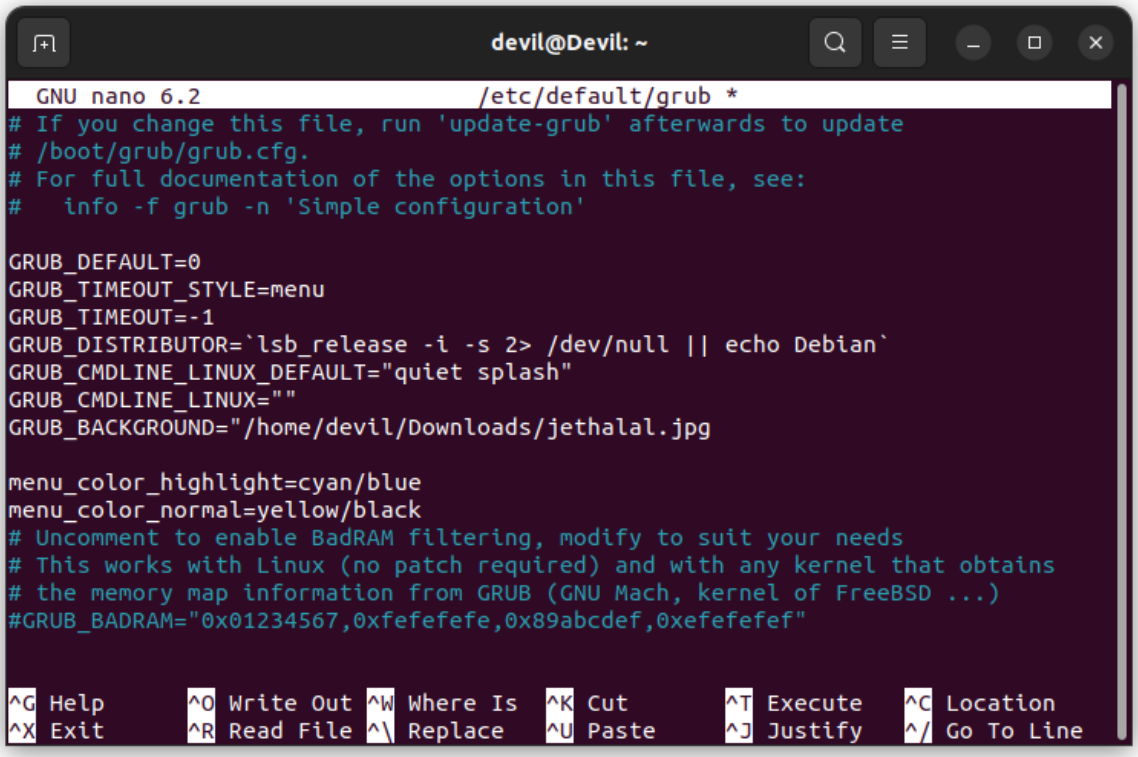
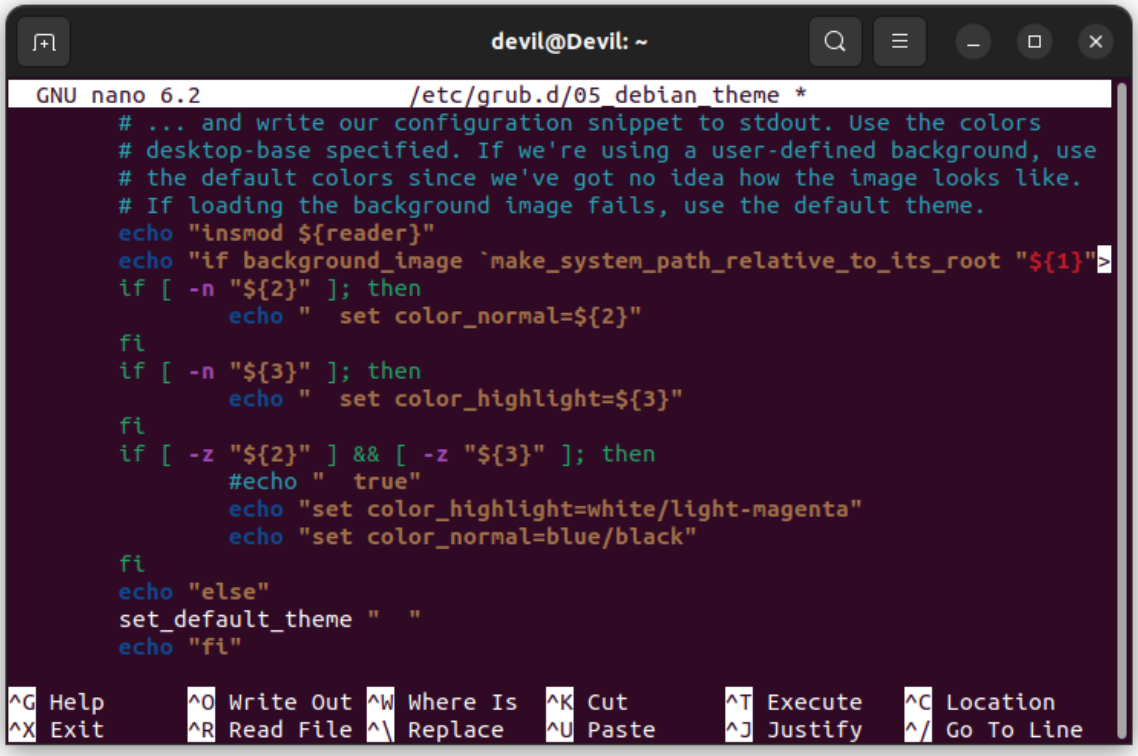
Name : Muhammad Hamza

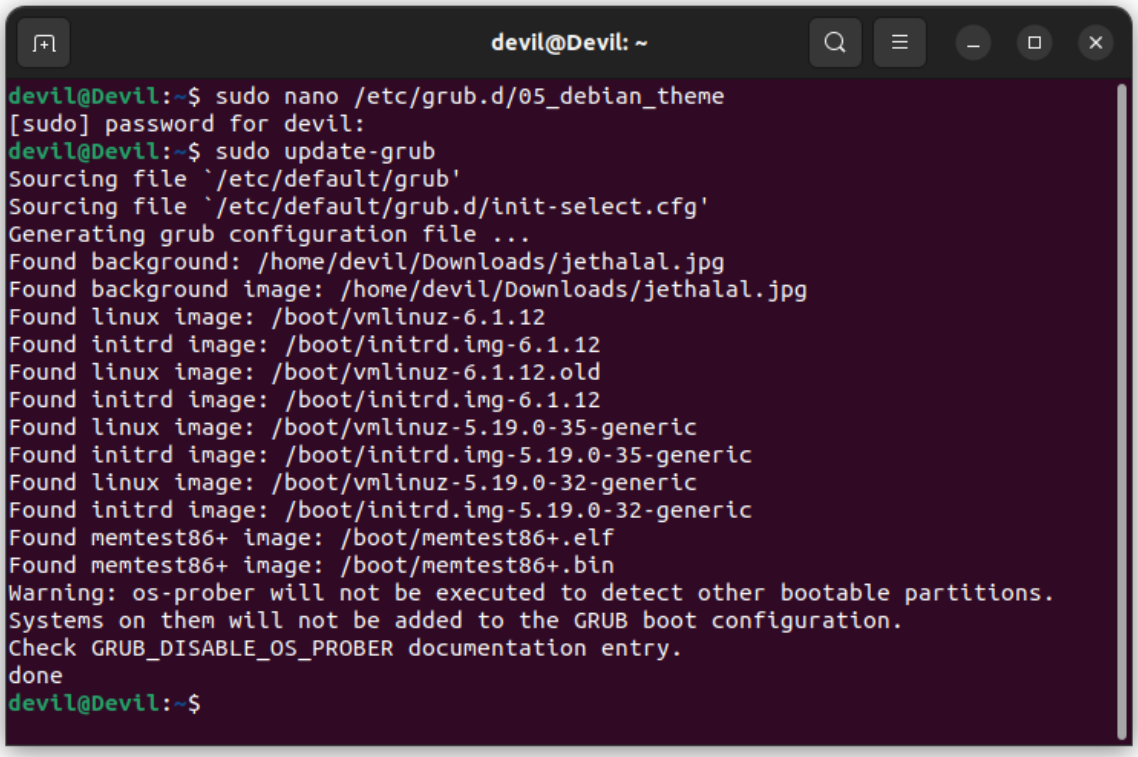
Sec : BS-SE-4A

Roll no : 21k-3815

TASK 1




devil@Devil: ~
GNU nano 6.2 /etc/grub.d/05_debian_theme *
... and write our configuration snippet to stdout. Use the colors
desktop-base specified. If we're using a user-defined background, use
the default colors since we've got no idea how the image looks like.
If loading the background image fails, use the default theme.
echo "insmod ${reader}"
echo "if background_image `make_system_path_relative_to_its_root "${1}"`
if [-n "${2}"]; then
echo " set color_normal=${2}"
fi
if [-n "${3}"]; then
echo " set color_highlight=${3}"
fi
if [-z "${2}"] && [-z "${3}"]; then
#echo " true"
echo "set color_highlight=white/light-magenta"
echo "set color_normal=blue/black"
fi
echo "else"
set_default_theme " "
echo "fi"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line


devil@Devil: ~
devil@Devil:~$ sudo nano /etc/grub.d/05_debian_theme
[sudo] password for devil:
devil@Devil:~$ sudo update-grub
Sourcing file `/etc/default/grub'
Sourcing file `/etc/default/grub.d/init-select.cfg'
Generating grub configuration file ...
Found background: /home/devil/Downloads/jethalal.jpg
Found background image: /home/devil/Downloads/jethalal.jpg
Found linux image: /boot/vmlinuz-6.1.12
Found initrd image: /boot/initrd.img-6.1.12
Found linux image: /boot/vmlinuz-6.1.12.old
Found initrd image: /boot/initrd.img-6.1.12
Found linux image: /boot/vmlinuz-5.19.0-35-generic
Found initrd image: /boot/initrd.img-5.19.0-35-generic
Found linux image: /boot/vmlinuz-5.19.0-32-generic
Found initrd image: /boot/initrd.img-5.19.0-32-generic
Found memtest86+ image: /boot/memtest86+.elf
Found memtest86+ image: /boot/memtest86+.bin
Warning: os-prober will not be executed to detect other bootable partitions.
Systems on them will not be added to the GRUB boot configuration.
Check GRUB_DISABLE_OS_PROBER documentation entry.
done
devil@Devil:~$

Taarak Mehta
ka OOLTAH
GNU GRUB version 2.06
*Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+.elf)
Memory test (memtest86+.bin, serial console)
Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.

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ka OOLTAH
GNU GRUB version 2.06
*Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+.elf)
Memory test (memtest86+.bin, serial console)
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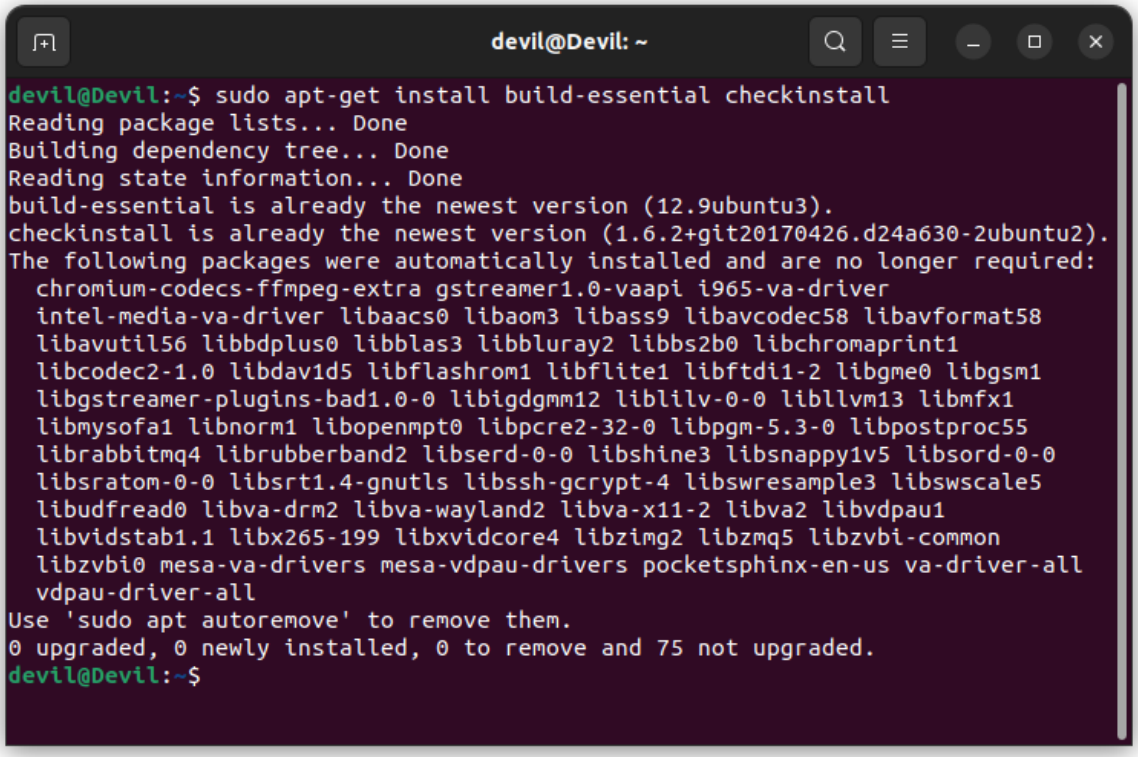
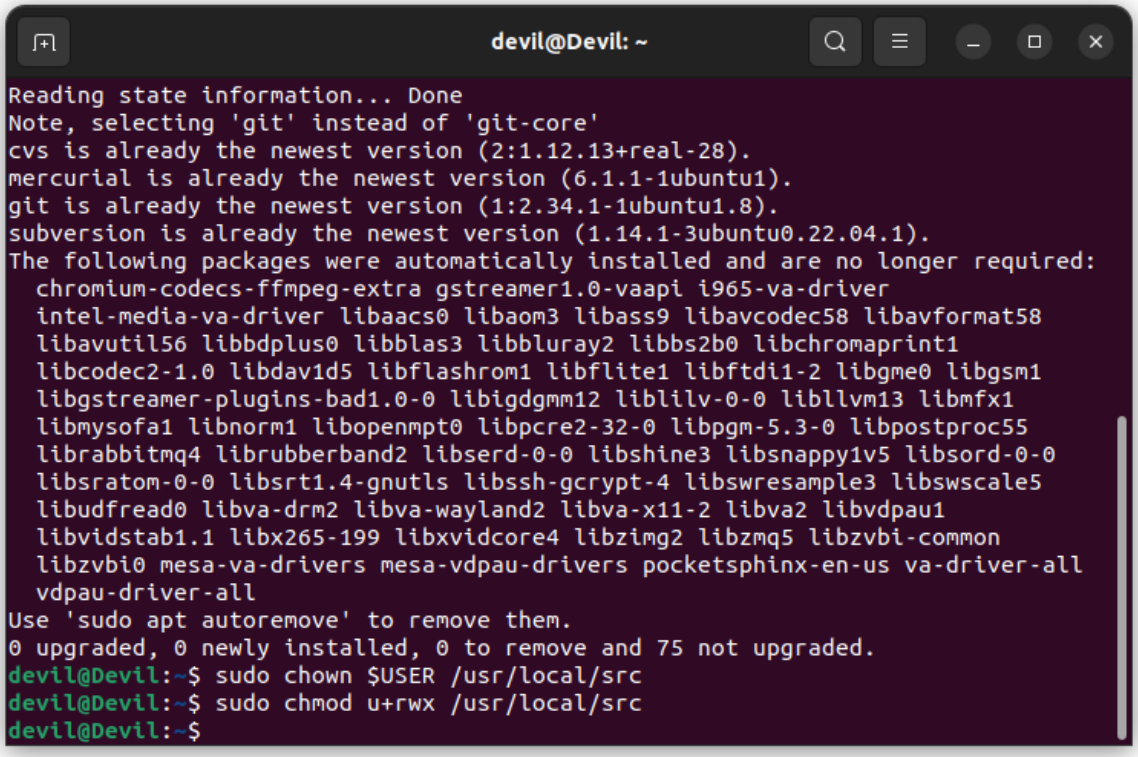
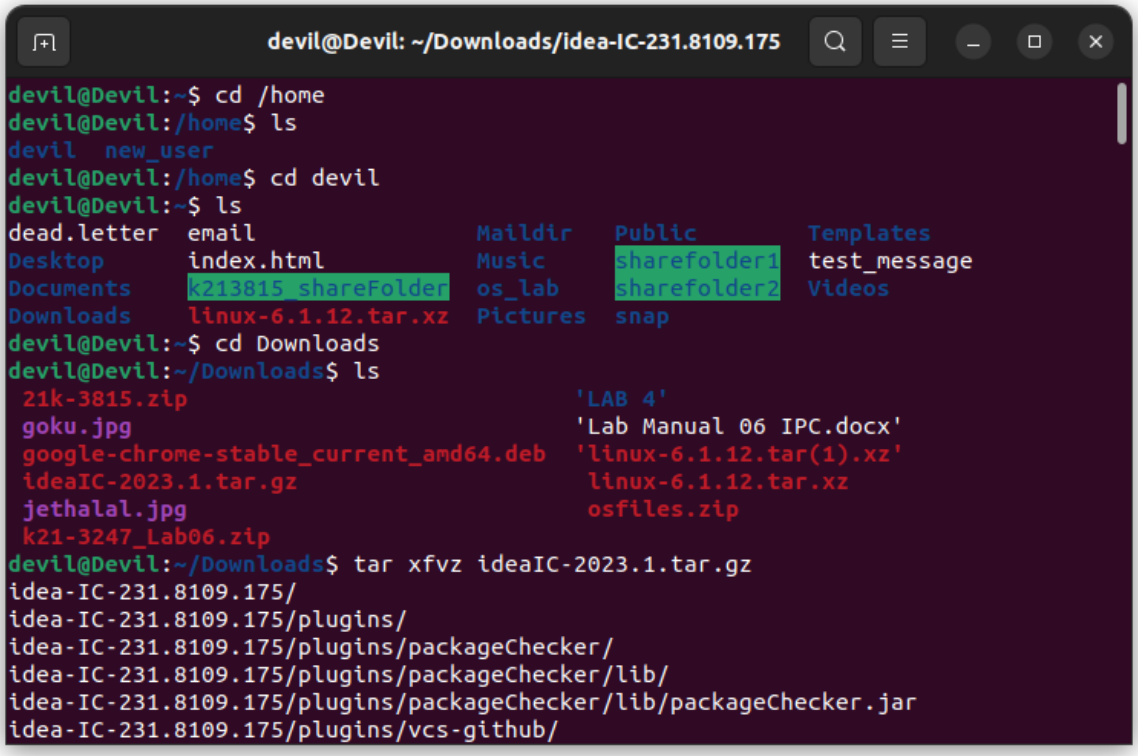
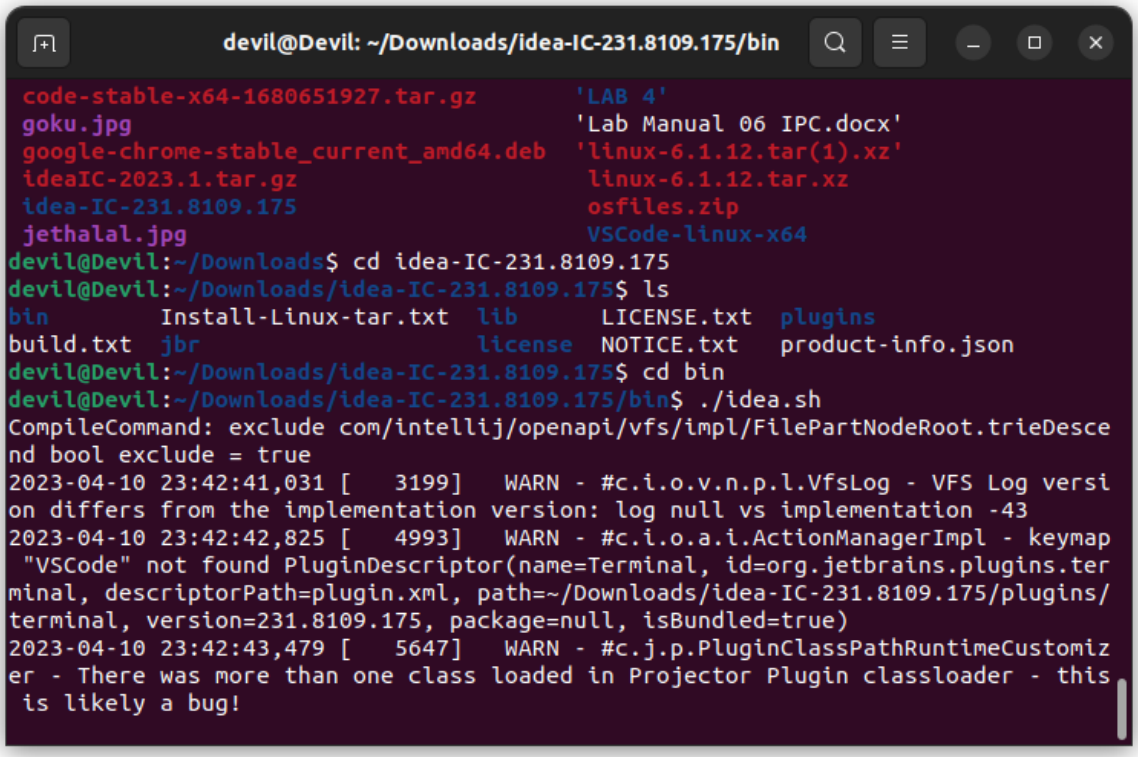
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.

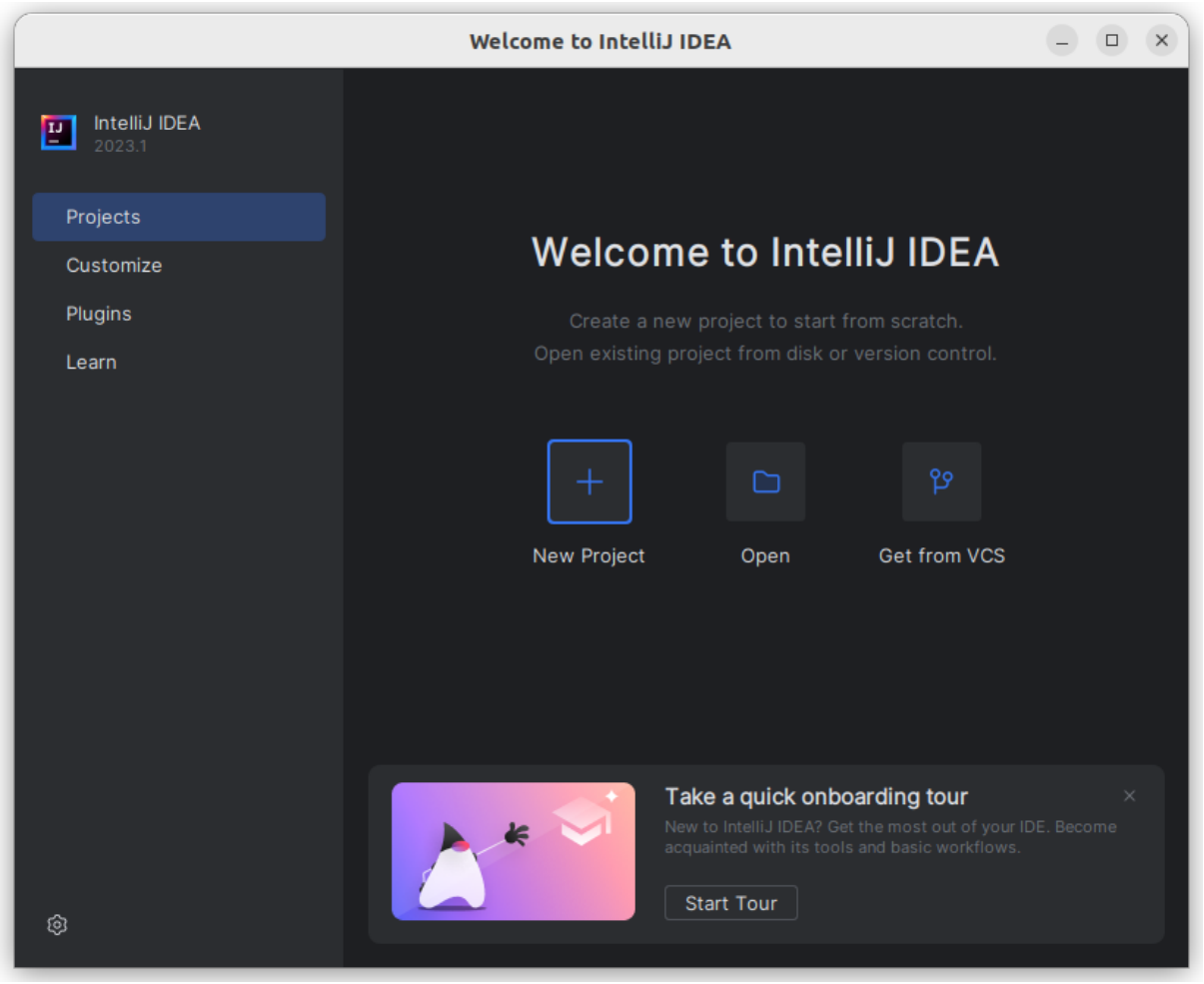
TASK 2


devil@Devil: ~
devil@Devil:~$ sudo apt-get install build-essential checkinstall
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
build-essential is already the newest version (12.9ubuntu3).
checkinstall is already the newest version (1.6.2+git20170426.d24a630-2ubuntu2).
The following packages were automatically installed and are no longer required:
chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi i965-va-driver
intel-media-va-driver libaacs0 libaom3 libass9 libavcodec58 libavformat58
libavutil56 libbdplus0 libblas3 libbluray2 libbs2b0 libchromaprint1
libcodec2-1.0 libdav1d5 libflashrom1 libflite1 libftdi1-2 libgme0 libgsm1
libgstreamer-plugins-bad1.0-0 libigdgmm12 liblilv-0-0 libllvm13 libmfx1
libmysofa1 libnorm1 libopenmpt0 libpcre2-32-0 libpgm-5.3-0 libpostproc55
librabbitmq4 librubberband2 libserd-0-0 libshine3 libsnappy1v5 libsord-0-0
libsratom-0-0 libsrt1.4-gnutls libssh-gcrypt-4 libswresample3 libswscale5
libudfread0 libva-drm2 libva-wayland2 libva-x11-2 libva2 libvdpau1
libvidstab1.1 libx265-199 libxvidcore4 libzimg2 libzmq5 libzvbi-common
libzvbi0 mesa-va-drivers mesa-vdpau-drivers pocketsphinx-en-us va-driver-all
vdpau-driver-all
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 75 not upgraded.
devil@Devil:~$


devil@Devil: ~
Reading state information... Done
Note, selecting 'git' instead of 'git-core'
cvs is already the newest version (2:1.12.13+real-28).
mercurial is already the newest version (6.1.1-1ubuntu1).
git is already the newest version (1:2.34.1-1ubuntu1.8).
subversion is already the newest version (1.14.1-3ubuntu0.22.04.1).
The following packages were automatically installed and are no longer required:
chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi i965-va-driver
intel-media-va-driver libaacs0 libaom3 libass9 libavcodec58 libavformat58
libavutil56 libbdplus0 libblas3 libbluray2 libbs2b0 libchromaprint1
libcodec2-1.0 libdav1d5 libflashrom1 libflite1 libftdi1-2 libgme0 libgsm1
libgstreamer-plugins-bad1.0-0 libigdgmm12 liblilv-0-0 libllvm13 libmfx1
libmysofa1 libnorm1 libopenmpt0 libpcre2-32-0 libpgm-5.3-0 libpostproc55
librabbitmq4 librubberband2 libserd-0-0 libshine3 libsnappy1v5 libsord-0-0
libsratom-0-0 libsrt1.4-gnutls libssh-gcrypt-4 libswresample3 libswscale5
libudfread0 libva-drm2 libva-wayland2 libva-x11-2 libva2 libvdpau1
libvidstab1.1 libx265-199 libxvidcore4 libzimg2 libzmq5 libzvbi-common
libzvbi0 mesa-va-drivers mesa-vdpau-drivers pocketsphinx-en-us va-driver-all
vdpau-driver-all
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 75 not upgraded.
devil@Devil:~$ sudo chown $USER /usr/local/src
devil@Devil:~$ sudo chmod u+rwx /usr/local/src
devil@Devil:~$


devil@Devil: ~/Downloads/idea-IC-231.8109.175
devil@Devil:~$ cd /home
devil@Devil:/home$ ls
devil new_user
devil@Devil:/home$ cd devil
devil@Devil:~$ ls
dead.letter email   Maildir   Public   Templates
Desktop   index.html   Music   sharefolder1 test_message
Documents   k213815_shareFolder   os_lab   sharefolder2 Videos
Downloads   linux-6.1.12.tar.xz   Pictures snap
devil@Devil:~$ cd Downloads
devil@Devil:~/Downloads$ ls
21k-3815.zip   'LAB 4'
goku.jpg   'Lab Manual 06 IPC.docx'
google-chrome-stable_current_amd64.deb 'linux-6.1.12.tar(1).xz'
ideaIC-2023.1.tar.gz   linux-6.1.12.tar.xz
jethalal.jpg   osfiles.zip
k21-3247_Lab06.zip
devil@Devil:~/Downloads$ tar xfvz ideaIC-2023.1.tar.gz
idea-IC-231.8109.175/
idea-IC-231.8109.175/plugins/
idea-IC-231.8109.175/plugins/packageChecker/
idea-IC-231.8109.175/plugins/packageChecker/lib/
idea-IC-231.8109.175/plugins/packageChecker/lib/packageChecker.jar
idea-IC-231.8109.175/plugins/vcs-github/


devil@Devil: ~/Downloads/idea-IC-231.8109.175/bin
code-stable-x64-1680651927.tar.gz   'LAB 4'
goku.jpg   'Lab Manual 06 IPC.docx'
google-chrome-stable_current_amd64.deb 'linux-6.1.12.tar(1).xz'
ideaIC-2023.1.tar.gz   linux-6.1.12.tar.xz
idea-IC-231.8109.175   osfiles.zip
jethalal.jpg   VSCode-linux-x64
devil@Devil:~/Downloads$ cd idea-IC-231.8109.175
devil@Devil:~/Downloads/idea-IC-231.8109.175$ ls
bin   Install-Linux-tar.txt lib   LICENSE.txt plugins
build.txt   jbr   license NOTICE.txt   product-info.json
devil@Devil:~/Downloads/idea-IC-231.8109.175$ cd bin
devil@Devil:~/Downloads/idea-IC-231.8109.175/bin$ ./idea.sh
CompileCommand: exclude com/intellij/openapi/vfs/impl/FilePartNodeRoot.trieDesce
nd bool exclude = true
2023-04-10 23:42:41,031 [3199]   WARN - #c.i.o.v.n.p.l.VfsLog - VFS Log versi
on differs from the implementation version: log null vs implementation -43
2023-04-10 23:42:42,825 [4993]   WARN - #c.i.o.a.i.ActionManagerImpl - keymap
 "VSCode" not found PluginDescriptor(name=Terminal, id=org.jetbrains.plugins.ter
minal, descriptorPath=plugin.xml, path=~/Downloads/idea-IC-231.8109.175/plugins/
terminal, version=231.8109.175, package=null, isBundled=true)
2023-04-10 23:42:43,479 [5647]   WARN - #c.j.p.PluginClassPathRuntimeCustomiz
er - There was more than one class loaded in Projector Plugin classloader - this
 is likely a bug!


Welcome to IntelliJ IDEA
IntelliJ IDEA
2023.1
Projects
Customize
Plugins
Learn
Welcome to IntelliJ IDEA
Create a new project to start from scratch.
Open existing project from disk or version control.
New Project
Open
Get from VCS
Take a quick onboarding tour
New to IntelliJ IDEA? Get the most out of your IDE. Become acquainted with its tools and basic workflows.
Start Tour