

PRAKTIKUM SISTEM OPERASI
MODUL 6 : MENAMBAH APLIKASI LINUX



Disusun oleh:

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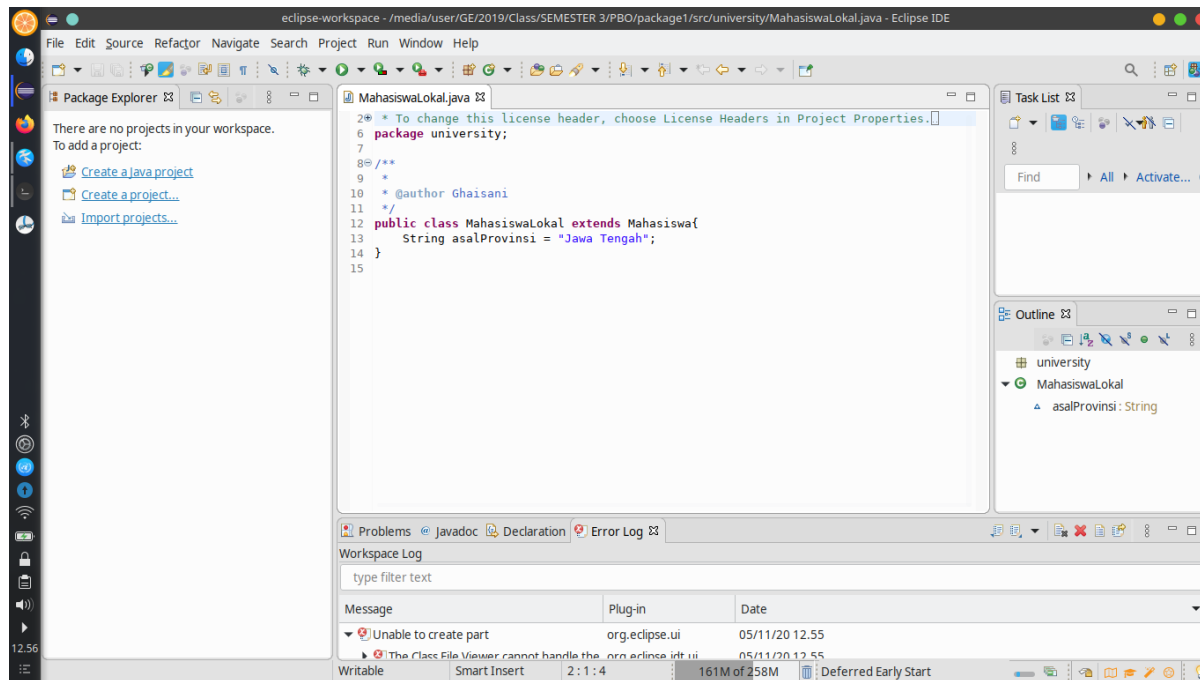
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PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA

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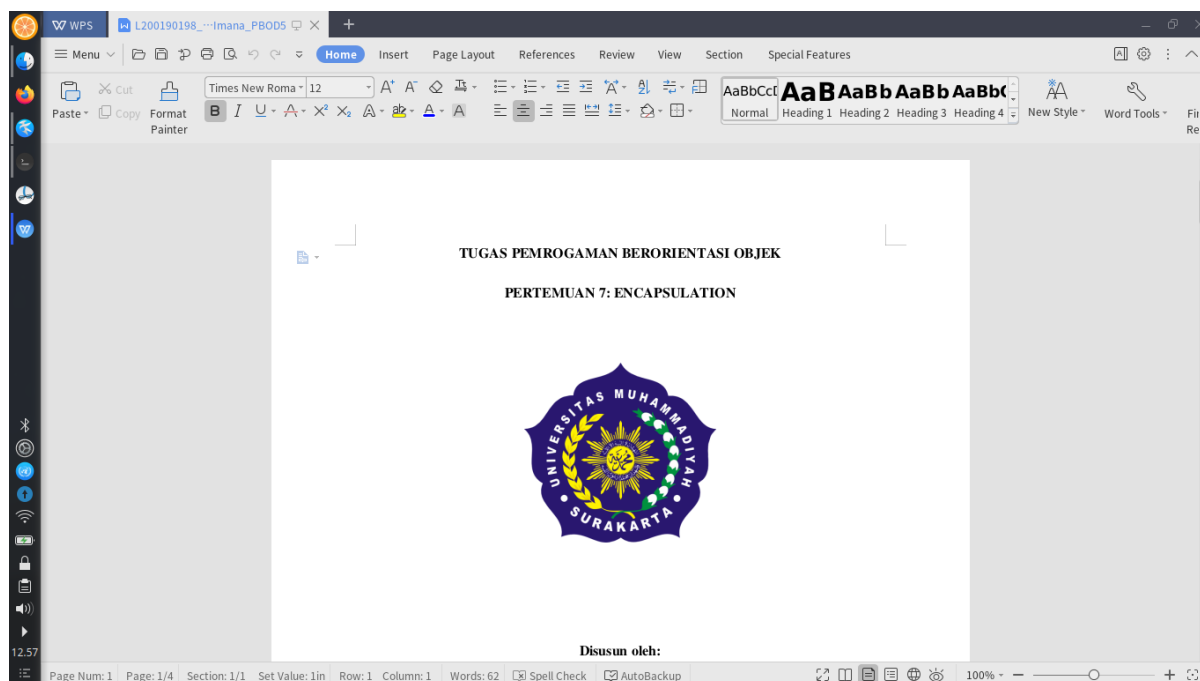
Tugas.

1. Eclipse



Sebuah IDE (Integrated Development Environment) untuk mengembangkan perangkat lunak dan dapat dijalankan di semua platform

2. WPS Office



Software office yang dapat membuka dan meng-edit file dari libre office ataupun ms word

3. GIMP

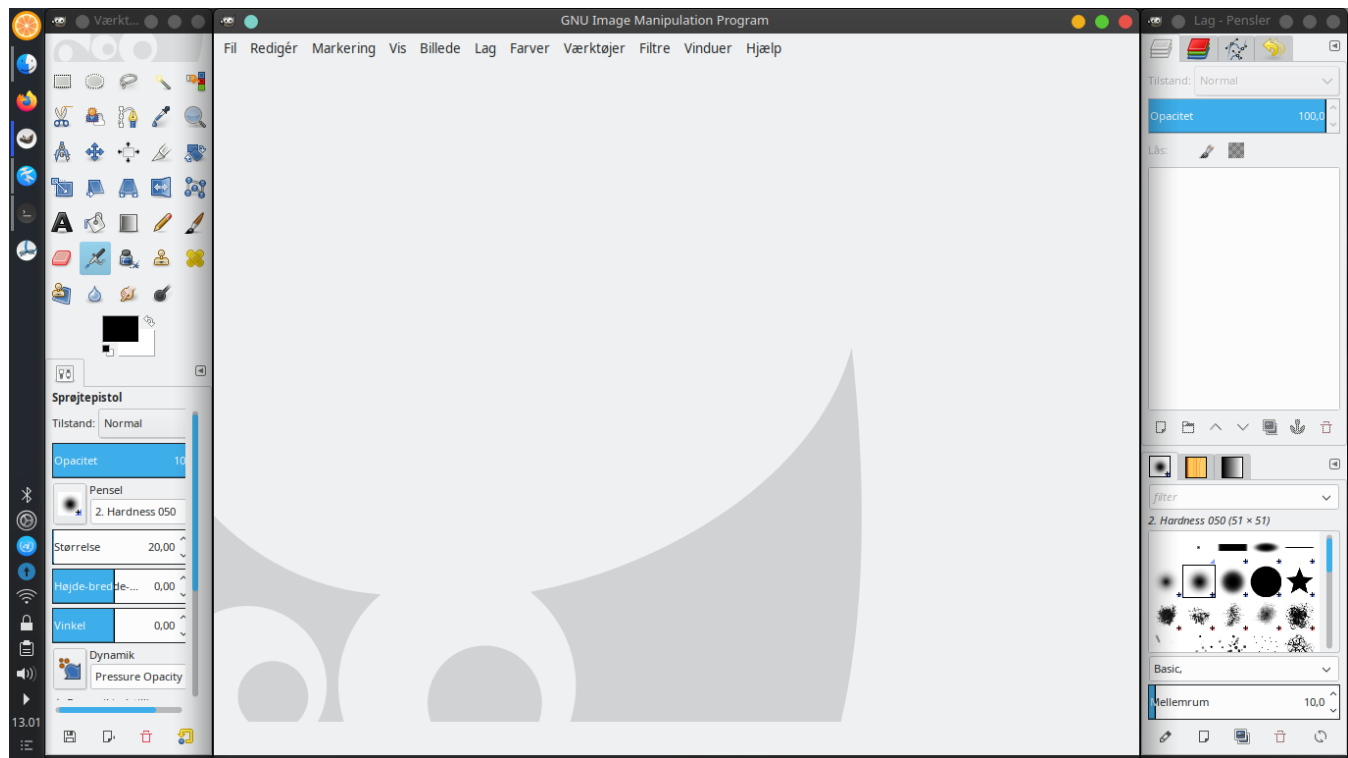
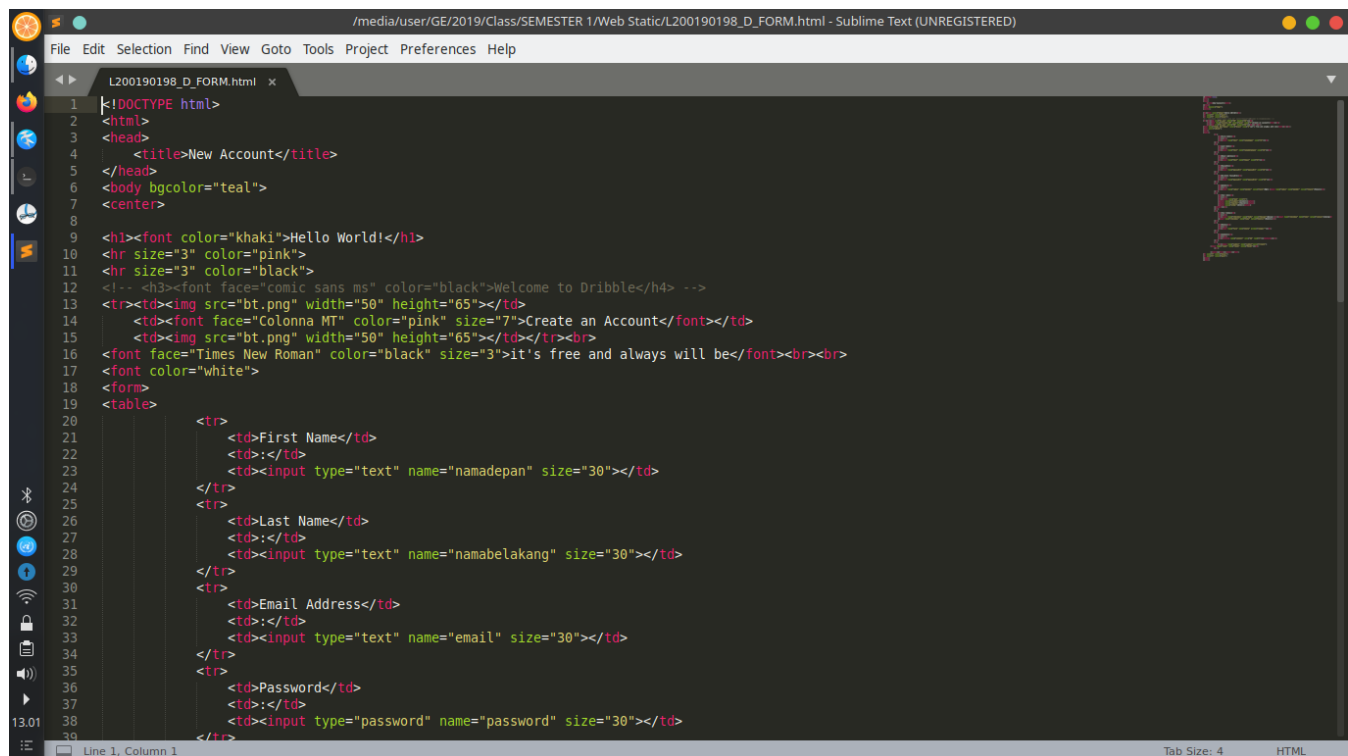


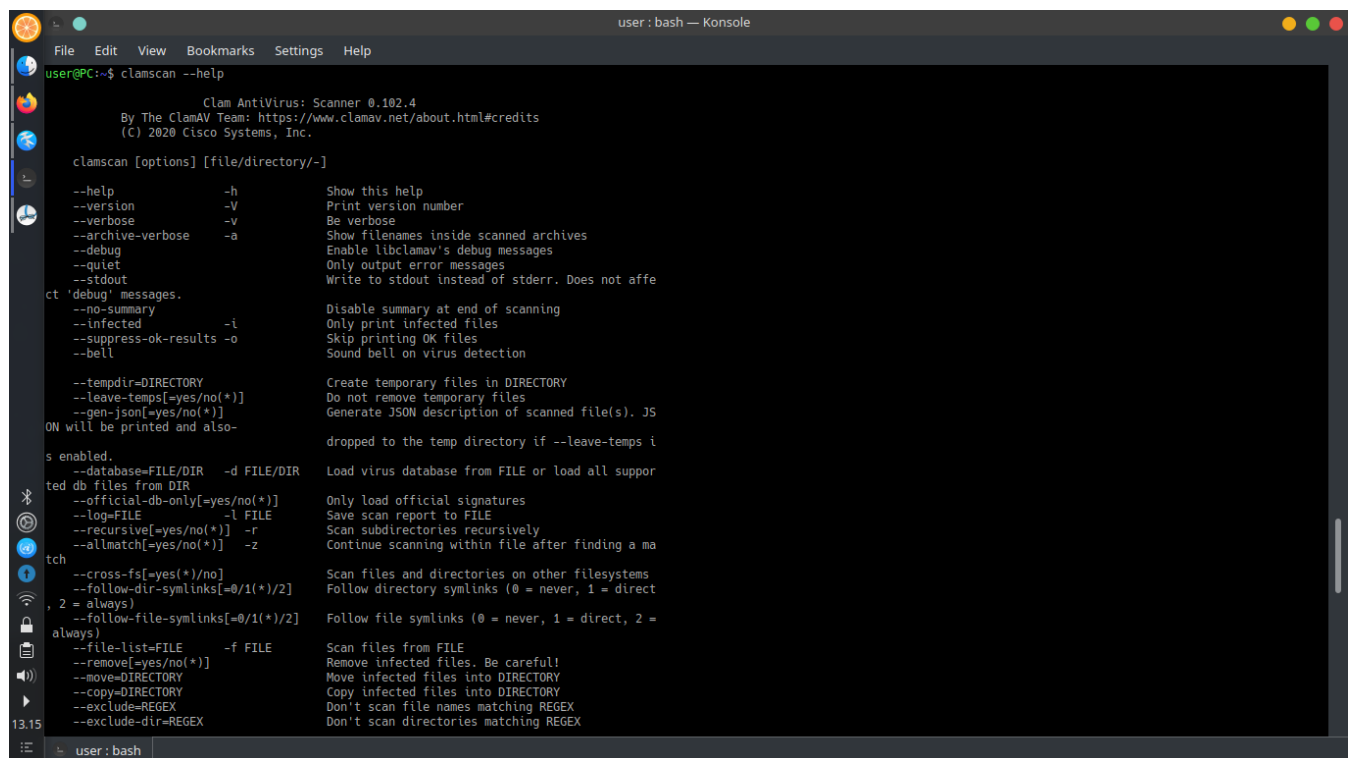
Photo editor seperti adobe photoshop, dimanfaatkan untuk membuat grafik dan logo, mengubah resolusi dan memotong foto, mengubah warna, menggabungkan berbagai macam gambar atau mengkonversi berbagai macam jenis berkas gambar.

4. Sublime Text



Text Editor yang mendukung berbagai bahasa pemrograman seperti C++, C, C#, CSS, ASP, html, dan sebagainya.

5. ClamAV



```
user@PC:~$ clamscan --help

Clam AntiVirus: Scanner 0.102.4
By The ClamAV Team: https://www.clamav.net/about.html#credits
(C) 2020 Cisco Systems, Inc.

clamscan [options] [file/directory/-]

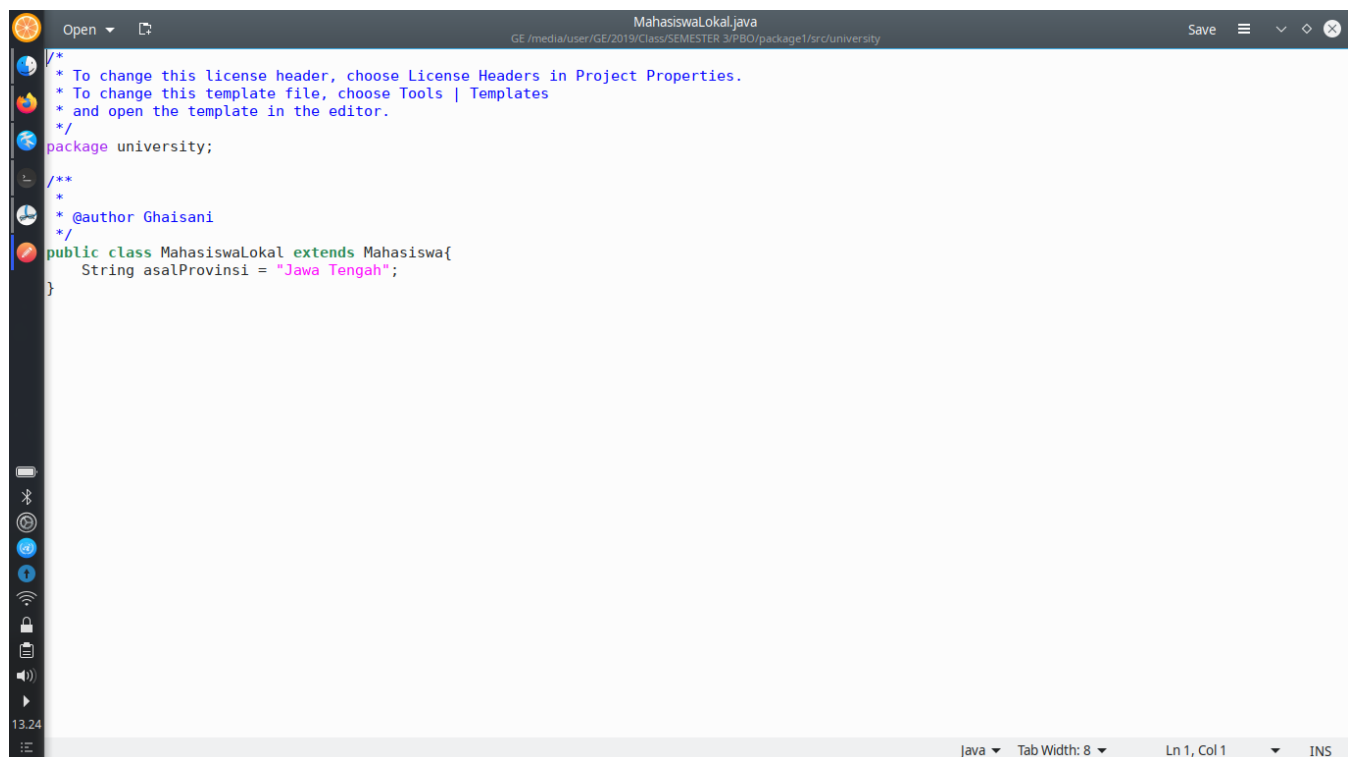
--help            -h          Show this help
--version         -V          Print version number
--verbose         -v          Be verbose
--archive-verbose -a          Show filenames inside scanned archives
--debug           -d          Enable libclamav's debug messages
--quiet           -q          Only output error messages
--stdout          -s          Write to stdout instead of stderr. Does not affect 'debug' messages.
--no-summary      -S          Disable summary at end of scanning
--infected        -i          Only print infected files
--suppress-ok-results -o      Skip printing OK files
--bell            -b          Sound bell on virus detection

--tempdir=DIRECTORY Create temporary files in DIRECTORY
--leave-temps[=yes/no(*)] Do not remove temporary files
--gen-json[=yes/no(*)] Generate JSON description of scanned file(s). JSON will be printed and also-
                        dropped to the temp directory if --leave-temps is enabled.
--database=FILE/DIR  -d FILE/DIR Load virus database from FILE or load all supported db files from DIR
--official-db-only[=yes/no(*)] Only load official signatures
--log=FILE           -l FILE      Save scan report to FILE
--recursive[=yes/no(*)] -r        Scan subdirectories recursively
--allmatch[=yes/no(*)] -z        Continue scanning within file after finding a match

--cross-fs[=yes(*)/no] Scan files and directories on other filesystems
--follow-dir-symlinks[=0/1(*)/2] Follow directory symlinks (0 = never, 1 = direct, 2 = always)
--follow-file-symlinks[=0/1(*)/2] Follow file symlinks (0 = never, 1 = direct, 2 = always)
--file-list=FILE     -f FILE      Scan files from FILE
--remove[=yes/no(*)] Remove infected files. Be careful!
--move=DIRECTORY     -m DIRECTORY Move infected files into DIRECTORY
--copy=DIRECTORY     -c DIRECTORY Copy infected files into DIRECTORY
--exclude=REGEX      -E REGEX     Don't scan file names matching REGEX
--exclude-dir=REGEX  -D REGEX     Don't scan directories matching REGEX
```

AntiVirus untuk Linux

6. Gedit

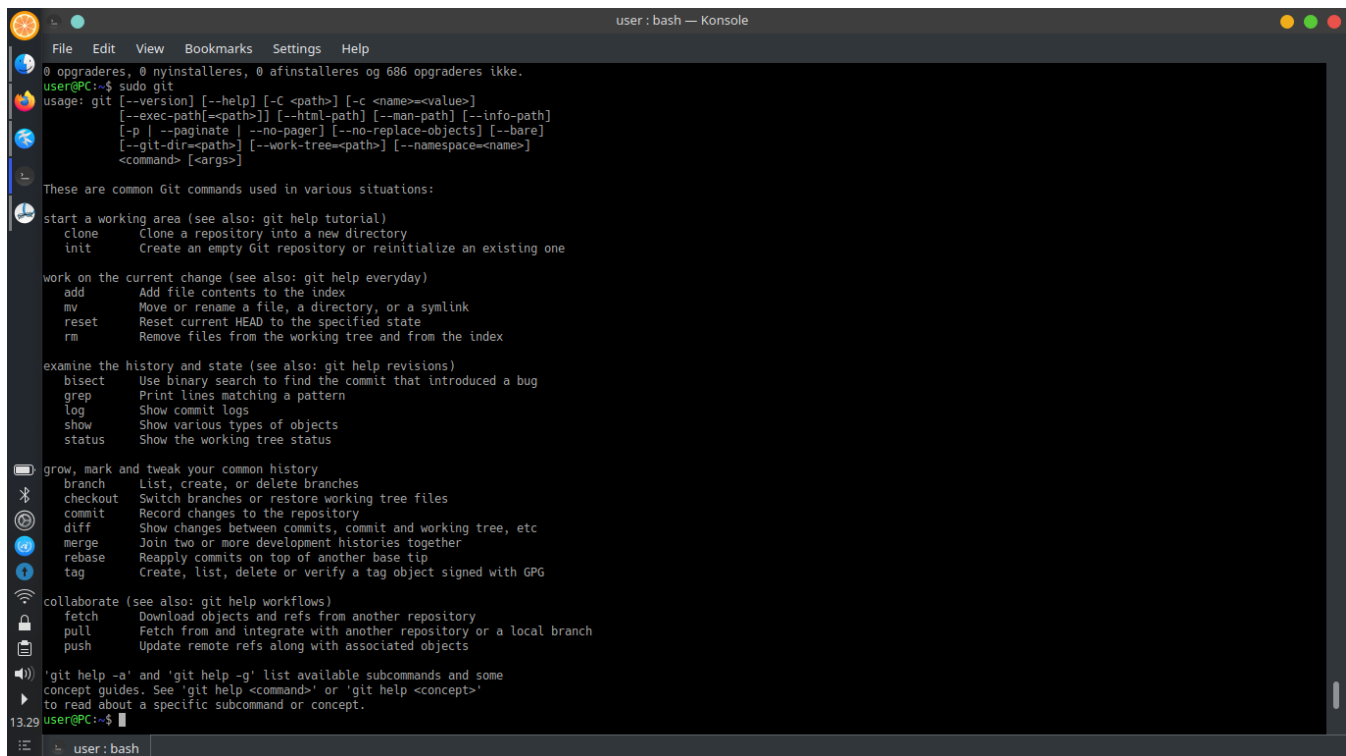


```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package university;

/**
 *
 * @author Ghaisani
 */
public class MahasiswaLokal extends Mahasiswa{
    String asalProvinsi = "Jawa Tengah";
}
```

Simple Text Editor untuk Linux

7. Git



```
user@PC:~$ sudo git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
      [--exec-path<path>] [--html-path] [--man-path] [--info-path]
      [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      <command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
  clone Clone a repository into a new directory
  init Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)
  add Add file contents to the index
  mv Move or rename a file, a directory, or a symlink
  reset Reset current HEAD to the specified state
  rm Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
  bisect Use binary search to find the commit that introduced a bug
  grep Print lines matching a pattern
  log Show commit logs
  show Show various types of objects
  status Show the working tree status

grow, mark and tweak your common history
  branch List, create, or delete branches
  checkout Switch branches or restore working tree files
  commit Record changes to the repository
  diff Show changes between commits, commit and working tree, etc
  merge Join two or more development histories together
  rebase Reapply commits on top of another base tip
  tag Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
  fetch Download objects and refs from another repository
  pull Fetch from and integrate with another repository or a local branch
  push Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.
13.29 user@PC:~$
```

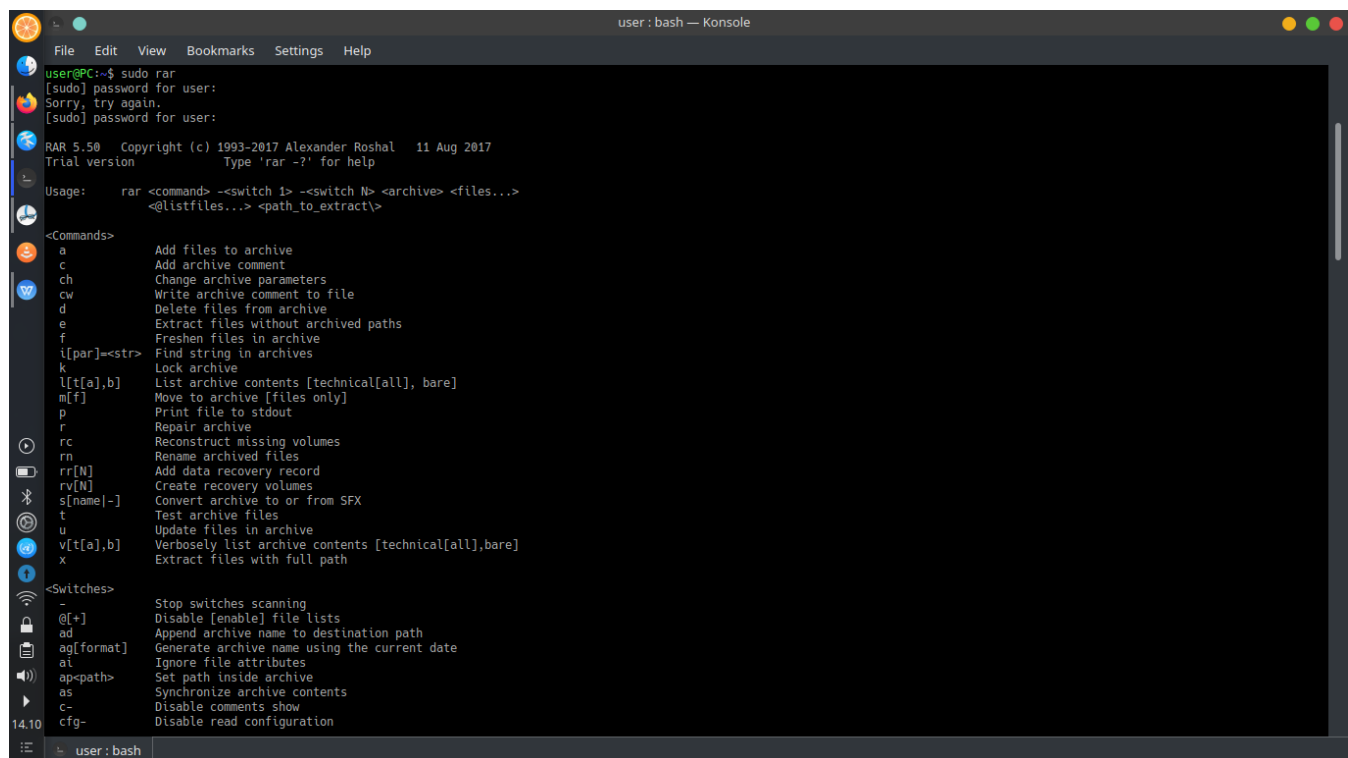
Mengatur versi dari source code program Anda dengan memberikan tanda baris dan kode mana yang ditambah atau diganti.

8. VLC



Pemutar multimedia baik video maupun audio dalam berbagai format, seperti MPEG, DivX, Ogg, dan lain-lain.

9. Unrar



```
user@PC:~$ sudo rar
[sudo] password for user:
Sorry, try again.
[sudo] password for user:

RAR 5.50 Copyright (c) 1993-2017 Alexander Roshal 11 Aug 2017
Trial version Type 'rar -?' for help

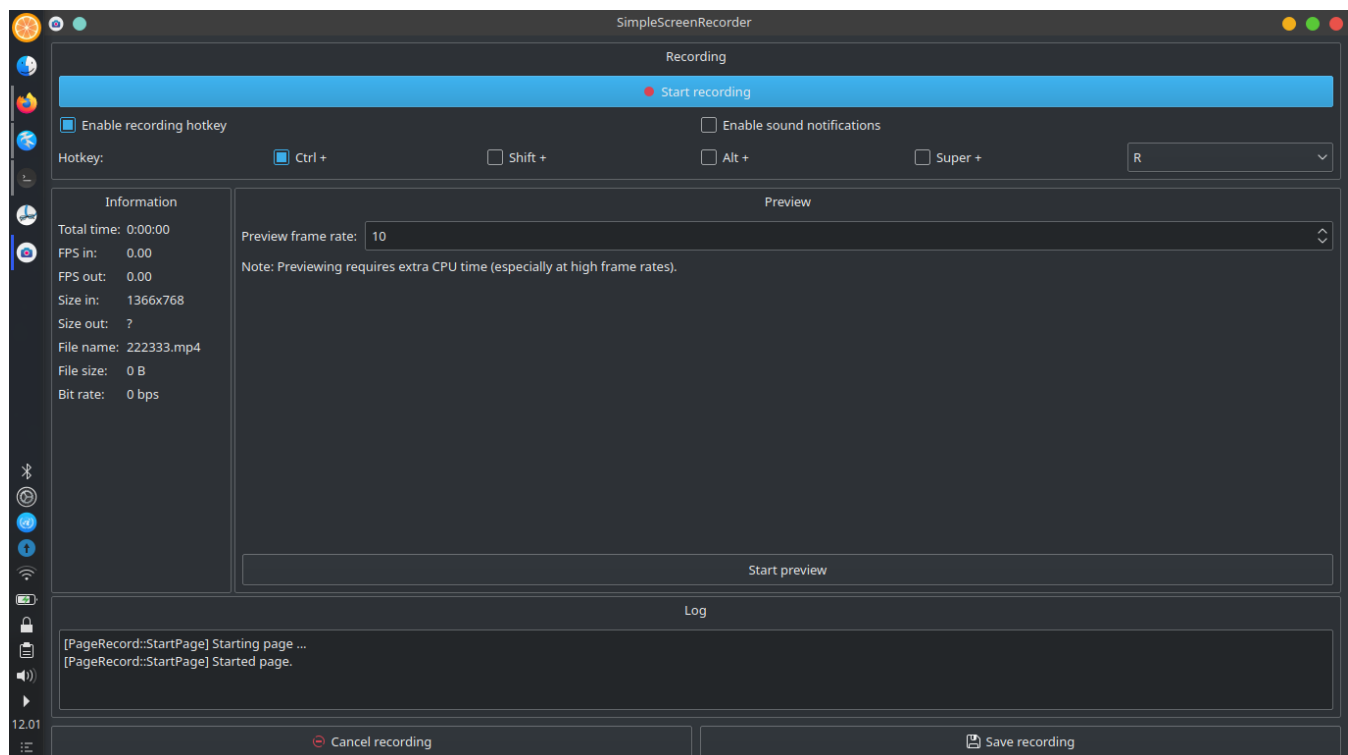
Usage: rar <command> [-switch 1> -switch N> <archive> <files...>
        <@listfiles...> <path_to_extract>]

<Commands>
a      Add files to archive
c      Add archive comment
ch     Change archive parameters
cw     Write archive comment to file
d      Delete files from archive
e      Extract files without archived paths
f      Freshen files in archive
i[par]=<str> Find string in archives
k      Lock archive
l[t[a],b] List archive contents [technical[all], bare]
m[f]   Move to archive [files only]
p      Print file to stdout
r      Repair archive
rc     Reconstruct missing volumes
rn     Rename archived files
rr[N]  Add data recovery record
rv[N]  Create recovery volumes
s[name]-] Convert archive to or from SFX
t      Test archive files
u      Update files in archive
v[t[a],b] Verbosely list archive contents [technical[all],bare]
x      Extract files with full path

<Switches>
-      Stop switches scanning
@[*]   Disable [enable] file lists
ad     Append archive name to destination path
ag[format] Generate archive name using the current date
ai     Ignore file attributes
ap<path> Set path inside archive
as     Synchronize archive contents
c-     Disable comments show
cfg-   Disable read configuration
```

Untuk kompresi file dengan ekstensi .rar pada Linux

10. Simple Screen Recorder



Untuk melakukan screen record pada Linux