

IMPLEMENTATION

MAIN UNIX COMMANDS USED :

tr (translate) command ---- is a command in UNIX operating systems. It is an abbreviation of *translate* or *transliterate*, indicating its operation of replacing or removing specific characters in its input data set.

sed (stream editor) command ---- is a UNIX utility that parses and transforms text, using a simple, compact programming language.

echo (for output) command ---- is in DOS , OS/2, Microsoft Windows, Unix and Unix-like operating systems that outputs the strings it is being passed as arguments. It is a command typically used in shell-script and batch files to output status text to the screen or a file.

which (for checking) command ---- is a Unix command used to identify the location of executables. Returns pathname of the file

stat (system call) command ---- is a Unix system call that returns file attributes about an inode.

identify (for image) command ---- program is a member of the ImageMagick(1) suite of tools. It describes the format and characteristics of one or more image files. It also reports if an image is incomplete or corrupt.

find (for search) command ---- is a command-line-utility that searches one or more directory trees of a file system, locates files .

cut (to extract) command ---- is a Unix command line utility which is used to extract sections from each line of input, usually from a file.

basename (for extracting name) command ---- is a standard UNIX computer program. When basename is given a pathname, it will delete any prefix up to the last slash (' / ') character and return the result.

hostnamectl (for host name) command ---- may be used to query and change the system hostname and related settings.

gpg (encryption) command ---- perform a reasonable action depending on the type of file it is given as input (an encrypted message is decrypted, a signature is verified, a file containing keys is listed).

SYNTAX OF THE COMMANDS :

tr (translate) command ---- \$ tr [OPTION] SET1 [SET2]

sed (stream editor) command ----

\$ sed OPTIONS... [SCRIPT] [INPUTFILE...]

echo (for output) command ----

\$ echo [SHORT-OPTION]... [STRING...]

which (for checking) command ---- \$ which -a *[filename]* ...

stat (system call) command ---- \$ stat [OPTION]... *FILE*...

identify (for image) command ----

\$ identify [options].... *Input_file*....

find (for search) command ----

\$ find path... [expression]

gpg (encryption) command ----

\$ gpg [--options file] [options] command

cut (to extract) command ---- \$ cut [OPTION]... [FILE]...