Install software in a Linux distribution

In this example, I'll use the Advanced Package Tool (APT) and sudo to install and uninstall applications in a Linux Bash shell. This is derived from the class, Tools of the Trade, Linux and SQL Module 2 in the Google Cybersecurity Certification Specialty. This is done in an emulation of Bash on cloudskillboost.google

First, let's launch APT, which is automatically installed on most Linux distributions.

```
analyst@2475f8cbb675:~$ apt
apt 1.8.2.3 (amd64)
Usage: apt [options] command

apt is a commandline package manager and provides commands for
searching and managing as well as querying information about packages.
It provides the same functionality as the specialized APT tools,
like apt-get and apt-cache, but enables options more suitable for
interactive use by default.

Most used commands:
  list - list packages based on package names
  search - search in package descriptions
  show - show package details
  install - install packages
  reinstall - reinstall packages
  remove - remove packages
  autoremove - Remove automatically all unused packages
  update - update list of available packages
  upgrade - upgrade the system by installing/upgrading packages
  full-upgrade - upgrade the system by removing/installing/upgrading packages
  edit-sources - edit the source information file

See apt(8) for more information about the available commands.
Configuration options and syntax is detailed in apt.conf(5).
Information about how to configure sources can be found in sources.list(5).
Package and version choices can be expressed via apt_preferences(5).
Security details are available in apt-secure(8).
                                        This APT has Super Cow Powers.
```

Next, let's install suricata (an IDS/IPS software). For the sake of space on this document, I will just include the line used to install for the rest of the document.

sudo apt install suricata

Suricata should now be installed. To uninstall:

sudo apt remove suricata

To check what apps are installed on Linux:

apt list --installed