5.Ubuntu software operation commands

```
sudo apt-get update                          # Update source
sudo apt-get install package                 # Installation package
sudo apt-get remove package                  # Delete package
sudo apt-cache search package                # Search for packages
sudo apt-cache show package                  # Get package-related
information, such as description, size, version, etc.
sudo apt-get install package --reinstall     # Reinstall package
sudo apt-get -f install                      # Repair installation
sudo apt-get remove package --purge          # Delete packages, including
configuration files, etc.
sudo apt-get build-dep package               # Install relevant compilation
environment
sudo apt-get upgrade                         # Update installed packages
sudo apt-get dist-upgrade                    # Upgrading the system
sudo apt-cache depends package               # Understand which packages
depend on using this package
sudo apt-cache rdepends package              # Check which packages this
package depends on
sudo apt-get source package                  # Download the source code of the
package
sudo apt-get clean && sudo apt-get autoclean # Clean up useless packages
sudo apt-get check                           # Check for broken dependencies
```

Set a password for the root user and use it

1. Enter the sudo passwd command, enter the general user password and set the root user password.
2. After successfully setting the root password, enter the su command and the root password you just set to switch to root. The prompt $ represents the general user, and the prompt # represents the root user.
3. Enter the exit command to exit root and return to the normal user
4. You can use the root user in the future