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
```