Read the following links, and answer the questions below.

* Debian Linux
* Ubuntu Linux: Home Page
* Ubuntu Linux: About Page
* Kali Linux
* Fedora
* Arch Linux: Overview
* Gentoo Linux: FAQ

Questions

* What is an “operating system”?
  + Software that supports a computer’s basic functions of the hardware
* Which two distributions are best suited for basic computing? In other words: Which distribution is most flexible and best suited for day-to-day tasks?
  + Debian and Ubuntu because they are the most user friendly
* Which distribution is built specifically for penetration testers?
  + Kali
* Which distribution is geared towards software developers?
  + Arch
* Which distribution is Ubuntu based on?
  + Debian
* Which distribution is Kali based on?
  + Debian

List three common use cases for Ubuntu.

* Userfriendly
* Free-cost and
* freeopensource OS

Which distribution would you use to set up a general-purpose server? There are two good answers.

* Fedora, Ubuntu

Which distribution would you install if you were hired to perform a security audit of your organization’s networks?

* Kali

Which distribution would you install if you needed to build a custom Linux distribution for your security team? There are many good answers, but choose just one distribution, and state your reasoning.

* Arch because it’s the most customizable