What is a distribution?

Debian one of first major Linux distributions.

RedHat and SUSE are also major distributions.

They are called Linux distros

A distribution is a process of delivering software from a developer to the end user.

A Linux distribution is an operating system made from a software collection that includes the Linux kernel.

A kernel is a system software that is part of the operating system. It is the core that provides basic services for all other parts of the Operating System.

* The kernel is the lowest level of the operating system.
  + It is responsible for translating user commands into machine language.
  + Provides interface between applications and hardware
  + Responsible for memory management, disk management, process management, and task management.
  + First program to load when operating system loads.

An Operating System manages all the software and hardware on the computer.

* Provides interface between user and hardware.
* First program to load when machine boots up.