

# Lab 1 Exploring Linux distributions

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## Question 1

1. What is the OS Type: **Linux**
2. Which major distro is it based on? **Debian**
3. Which processor architecture does it support? **armh, ppc64el, riscv, s390x, x86\_64**
4. Is the distribution active or is it discontinued? **Active**
5. What is the distro's home page? **<https://www.ubuntu.com/>**

## Question 2

1. What is the name of the distribution and the OS Type:
  - Name: **Miracle Linux**
  - OS Type: **Linux**
2. Which major distro is it based on? **Red Hat**
3. Which processor architecture does it support? **x86\_64**
4. Is the distribution active or is it discontinued? **Active**
5. What is the distro's home page? **<https://www.miraclelinux.com>**

## Question 3

1. What is the name of the distribution **Neptune**
2. what is the country of Origin? **Germany**
3. What major distribution is it based on **Debian (Stable)**
4. What is the distribution Category? **Desktop, Live Medium**
5. Which processor architecture, aside from the one in the original query, does the os support? **Only x86\_64**

## Question 4

**A Linux distribution used for Data rescue/ Data recovery**

Distro name	Website	Desktop Environment
SystemRescue	<a href="http://www.system-rescue.org">http://www.system-rescue.org</a>	Xfce

**A Linux distribution used for Education that supports the ix86 processor architecture.**

Distro name	Website	Desktop Environment
NixOS	<a href="http://nixos.org/">http://nixos.org/</a>	Awesome, Eligtenment, Fluxbox, GNOME, i3, IceWM, KDE Plasma, Ratpoison, Xfce

**A Linux distribution that supports the OEM installation method**

Distro name	Website	Desktop Environment
Linux Mint	<a href="https://linuxmint.com/">https://linuxmint.com/</a>	Cinnamon, MATE, Xfce

Question 5

Question 6



