**OS**:-Operating System is a software which will convert human readable language to system(Binary readable language)

Or

OS is Interface between user and computer hardware.

----------------------------------------------------------------------------------------------------------

**Available OS:-**

1. Windows(Not Free)
   1. Windows 98
   2. Windows XP
   3. Windows Vista
   4. Windows 7
   5. Windows 8 --not open to world, server based OS
   6. Windows 10 --not open to world, server based OS
   7. Windows 12 --not open to world, server based OS
   8. Windows 16 --not open to world, server based OS
   9. Windows 19 --not open to world, server based OS
2. Unix
3. Mac OS
4. Ubuntu
5. RHEL-Red Hat Enterprise Limited
6. SUSE Linux
7. Debian
8. Sun Solaris

**\*Note:--**

**Unix Flavor** 🡪Linux, Mac OS, AIX, Solaris, HP-UX.

**Linux Flavor**🡪RHEL, CentOS, Ubuntu, Amazon Linux, Fedora, Linux Mint, OpenSUSE

----------------------------------------------------------------------------------------------------------

**Why Linux??**

1. Multi-User rand Multi-Tasking
2. Free and Open Source Security
3. Need less Resources
4. Security.

----------------------------------------------------------------------------------------------------------