SEMP ASSIGNMENT 1

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DIV 1

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| **Properties** | **Debian** | **Ubuntu** | **Unix** | **Windows** |
| **(linux distro)** |
| **Release Cycle** | *Stable, Testing and Unstable branch; No fixed release cycle.* | *LTS and Regular branch; Five-year release cycle.* | *No fixed release cycle* | *Although Windows has been stable in recent years, it is still to match the stability provided by Unix systems* |
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| **Stability** | *Known for its excellent stability.* | *Slightly less stable than Debian, but has newer software.* | *Slightly less stable than ubuntu* | *Slightly less stable than ubuntu* |  |
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| **Support Platforms** | *Available on a wide range of platforms.* | *Available on 64-bit x86 and ARM platforms.* | *IBM AIX, HP-UX and Oracle Solaris.* | *Wide range of platform* |  |
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| **Development** | *A community-driven project.* | *Developed and maintained by canonical.* | *AT&T Corporation's Bell Laboratories* | *Development was spearheaded by Microsoft founder Bill Gates* |  |
| **Performance** | *Lightweight and fast.* | *Not as fast as Debian, but still very good performance.* | *Not as fast as debian.* |  |
| **Installation** | *Requires more user input and manual configuration.* | *Fast and simple set up; Includes pre-installed software with its default configuration.* | *Fast and simple.* | *Installation is the process of making hardware and/or software ready for use.* |  |
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| **Minimum Requirements** | *Ram:2GB Hardisk : 10GB Processor : 1GHz* | *Ram : 4Gb Hard drive : 25Gb Processor : 2GHz* | *Ram : 256 MB*  *Hard disk : 250 Mb* | *Ram : 1GB(32bit) and 2Gb(64bit) Processor : 1GHz*  *Hard drive : 16GB(32 bit) 32GB (64bit)* |  |