**Lab Assignment 1**

**Operating System Lab**

1. **Introduction**

Ubuntu is a Linux distribution based on the Debian architecture. It is a free and open source operating system developed by the british company canonical and first released in 2004. An upgrade to Ubuntu is released every 6 months with long term support releases every 2 years.

1. **Features of ubuntu**

* It is open source.
* It is secure.
* It has a user friendly interface(GUI).
* It supports a wide range of hardware.

1. **Difference between ubuntu and windows OS**

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| **Feature** | **Ubuntu** | **Windows** |
| Licensing | Free and open source | Paid license |
| Development | Community driven | Microsoft controlled |
| Target audience | Developers | General Users |
| Security | Secure | Can be vulnerable to malware |
| Performance | Lightweight | Require  more system resources |