Introduction to IT class Lecture 02

*What is the internet?*

* Internet protocol suite (TCP/IP)
* Worldwide publicly accessible network of interconnected computer networks which carry information and provide services using standardized communication protocols.
* Emerged in the late 1960’s

Things the internet can be

* Broadcast information service
* Multicast information service
* Point-to-point information service
* Database of answers

*Cloud computing*

Cloud computing provides access to shared pool of computing resources, including computers, storage, applications and services over a network, typically the Internet.

Cloud computing provides on-demand self-service, that a customer can access needed computing resources automatically

*Benefits of cloud computing*

* Making individuals more productive: reduces time costs
* Facilitating collaboration
* Mining insights from data
* Reduce costs
* Expand the scope of business operations
* Respond quickly to market changes
* Customize products and services

*Concerns of cloud computing*

* Legacy IT systems
* Reliability
* Privacy
* Security
* The regulatory and legal environment

*GIT*

“Git is a free and open source distributed version control system designed to handle everything from small to very large products with speed and efficiency” https://git-scm.com

* open source?
* Distributed?
* Version control system?

Create your own GitHub account

* Go to <https://github.com>
* Use your RMIT email address as your username etc.